

# ELMER VICTOR BERNSTAM, M.D., M.S.E., M.S., F.A.C.P.

(Updated September 11, 2008)

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<b>CONTACT INFORMATION</b>	School of Health Information Sciences University of Texas Health Sciences Center at Houston 7000 Fannin St. Suite 600 Houston, TX 77030 Phone: 713 500-3901 Fax: 713 500-3929 E-mail: Elmer.V.Bernstam@uth.tmc.edu WWW: <a href="http://www.sahs.uth.tmc.edu/evbernstam/">http://www.sahs.uth.tmc.edu/evbernstam/</a>	
<b>LICENSES</b>	Licensed to practice medicine in the states of <b>Michigan</b> and <b>Texas</b>	
<b>BOARD STATUS</b>	<b>Board Certified</b> , American Board of Internal Medicine	Aug 1998
<b>EDUCATION</b>	<b>National Library of Medicine Fellow</b> 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 <b>Master of Science Degree 2001</b>	Sep 1999-Oct 2001
	<b>Master of Science in Engineering (M.S.E. )</b> Computer Science and Engineering, University of Michigan College of Engineering	Aug 1999
	<b>Medical Doctorate (M.D.)</b> Integrated Medical-Premedical ( <b>INTEFLEX</b> ) program University of Michigan Medical School	Jun 1995
	<b>Dual Degree Program (B.S.E. and B.S.)</b> Bachelor of Science in Engineering ( <b>B.S.E. Magna Cum Laude</b> ) Computer Engineering University of Michigan College of Engineering <i>and</i>	Jun 1992
	Bachelor of Science ( <b>B.S. with Distinction</b> ) Dual majors in Biomedical Sciences and Psychology University of Michigan College of Literature, Science and the Arts	Jun 1992
<b>LANGUAGES</b>	Fluent in spoken and written Russian	
<b>PROFESSIONAL AFFILIATIONS</b>	American College of Physicians (ACP) American Medical Informatics Association (AMIA) Association for Computing Machinery (ACM)	
<b>HONORS AND AWARDS</b>	John P. McGovern Teaching Award Fellow American College of Physicians (ACP) NASA Summer Faculty Fellow Eta Kappa Neu (Electrical and Computer Engineering Honor Society) Elected Chair of the SHIS Faculty Governance Organization	May 2005 Oct 2004 Apr 2002 1988 2002-2005

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## HONORS AND AWARDS TO STUDENTS (Total = 16 honors/awards)

1. Herskovic Jorge R. – Keck fellowship 2005, 2006, SHIS Competitive Academic Scholarship 2003, Google summer fellowship 2006
2. Edmonson, Sarah E. – First place (Infomatics), UTH Research Day 2004
3. Walji, Muhammad -- Third place UT Research Day 2003 and 2005, bronze medal Medinfo 2004, HIMSS national scholarship 2005
4. Sagaram, Smitha – First place UT Research Day 2003, Dean’s scholarship 2003, HIMSS regional scholarship 2003, HIMSS national scholarship 2003
5. Smith, Kim – Texas Veterinary Medical Foundation Grant (\$5,450) 2005, Second place UTH (informatics) Research Day 2005
6. Bailey, Ebony – Minority Faculty Association Scholarship 2004
7. Tanaka, Len Y. – NLM post-doctoral fellowship

## EMPLOYMENT

- Associate Professor (with tenure)** Sep 2006 - present  
School of Health Information Sciences  
Department of Internal Medicine
- Co-Director, Biomedical Informatics Component  
Center for Clinical and Translational Research (CCTS)
- University of Texas Health Science Center at Houston  
Houston, TX
- Head of Clinical Informatics Focus** Jan 2002 - present  
School of Health Information Sciences  
University of Texas Health Science Center at Houston  
Houston, TX
- Faculty** Jan 2002 - present  
W. M. Keck Center for Computational Biology  
Houston, TX
- Assistant Professor** Oct 2001 - Sep 2006  
School of Health Information Sciences  
Department of Internal Medicine  
University of Texas Health Science Center at Houston  
Houston, TX
- Clinical Instructor** Nov 1999 - Oct 2001  
Department of Internal Medicine  
Stanford University Medical Center  
Stanford, California
- Attending Physician** Dec 1998 - Sep 1999  
Packard Community Clinic  
Ann Arbor, Michigan
- House Officer** Jun 1995 - Jun 1998  
Department of Internal Medicine  
St. Joseph Mercy Hospital  
Ann Arbor, Michigan
- Clinic President, Academic Internal Medicine Clinic** Jun 1997 - Jun 1998

**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

Scientific Program Committee  
American Medical Informatics Association Fall Symposium 2002  
National Health Information Technology Summit – a Washington-Texas Dialogue,  
Houston, TX April 15-6, 2008 (Co-Chair, Scientific Program Committee)

### Ad hoc reviewer:

Journal of the American Medical Informatics Association (JAMIA)  
International Journal of Radiation Oncology, Biology, Physics  
Annals of Internal Medicine  
Artificial Intelligence in Medicine  
American Medical Informatics Association Fall Symposium (1996-present)  
MedInfo (2001, 2004, 2007)  
Medical Informatics Europe (2002)  
Journal of Biomedical Informatics  
Journal of Medical Internet Research  
BMC Informatics  
The American Journal of Managed Care  
Information Retrieval  
British Medical Journal  
Medical Decision Making  
Journal of Health Psychology

### Reviewer:

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)

### External Advisory Boards

University of New Mexico Clinical and Translational Science Center (CTSA planning grant)

### Session Chair

American Medical Informatics Association Fall Symposium 2002 (San Antonio, TX)  
Medinfo 2007 (Brisbane, Australia)

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Panel moderator, Translational Bioinformatics, HealthGrid2008 (Chicago, IL)

## RESEARCH FUNDING (CURRENT)

1. Center for Clinical and Translational Sciences (CCTS)  
PI: Frank C. Arnett (Bernstam: Co-Director Informatics)  
Amount: \$36M (Biomedical Informatics \$3M)  
Dates: 9/30/06 – 6/30/11 (31% effort)  
Funding agency: NIH/NCRR (1 UL1 RR 024148)
2. Survey of Veterinary Electronic Medical Records  
PI: Elmer V. Bernstam / Kimberly Smith  
Amount: \$2,300  
Dates: 1/1/04 – 12/31/09 (0% effort)  
Funding agency: Texas Veterinary Medical Foundation
3. Center for Research Translation in Scleroderma (CORT)  
PI: Frank C. Arnett (Bernstam: Co-Investigator)  
Amount: \$7.5M  
Dates: 9/1/07 – 8/31/08 (5% effort)  
Funding agency: NIAMS/NIH
4. Usability Evaluation of CHCS/AHLTA and Cerner CPOEs.  
PI: Jiajie Zhang (Bernstam: Co-Investigator)  
Amount: \$157,940  
Dates: 3/1/08 – 2/28/09 (5% effort)  
Funding agency: DOD/Mission Hospitals

## RESEARCH FUNDING (COMPLETED)

1. 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)
2. 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
3. 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
4. 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

5. 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
  
6. 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
  
7. NASA Johnson Space Center/Wyle Life Sciences  
 PI: Elmer V. Bernstam  
 Amount: 40% effort  
 Dates: 6/1/03 – 9/30/03  
 Funding agency: NASA
  
8. 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

**STUDENTS  
(CURRENT)**

**PhD:**

1. Jorge R. Herskovic, MD – Evaluation of link analysis algorithms in biomedical information retrieval (committee chair).
2. Zhong Xie, MS – Usability evaluation of biomedical systems.

**MS (Research):**

**PhD**

**STUDENTS  
(GRADUATED)**

1. Rohan Bhavane – Pulmonary drug delivery using novel liposomal delivery systems.
2. Muhammad Walji – Persuasive messaging. Position after graduation: Assistant Professor, UT-Houston Dental School.

**MS (Research):**

1. 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
2. Muhammad Walji, MS – Searching for cancer-related information online: unintended retrieval of complementary and alternative medicine information. Position after graduation: UT-SHIS PhD program.
3. Jorge R. Herskovic, MD, MS – Using incomplete data for MEDLINE results ranking. Position after graduation: UT-SHIS PhD program.

4. 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.
5. Kimberly A. Smith-Aiken, MS – Developing a Veterinary Informatics Research Agenda: The State of the Science. Position after graduation: UT-SHIS PhD program.
6. Len Tanaka, MD – Overcoming citation lag link for analysis algorithms in biomedical information retrieval. Assistant Professor, Pediatric Pulmonary and Critical Care, University of Hawaii (Honolulu).

**COURSES TAUGHT  
(Primary instructor)**

Foundations of Health Informatics I (HI 5310)	2006: Fall 2007: Spring, Summer, Fall
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 C. Hu, MD – July 2002 (rotation) S. Sagaram – Fall 2002, Winter 2003 M. Walji – Fall 2002, Winter 2003 D. Sagaram – Fall 2004 J. Flores, MD – Fall 2005 J. Herskovic, MD – Fall 2006
Health Informatics Short Course: (designed and served as course director)	March 2002, September 2002

**COMMITTEE SERVICE  
Present total active  
committees: 14**

- Chair, SHIS Faculty Governance Association (2002-2006; elected to one year terms)
- School of Health Information Sciences
1. Curriculum (2002-present)
  2. Executive (2002-2006)
  3. Co-supervisor of IT Support (2003-2006)
  4. Co-supervisor of IT Development (2005-2006)
  5. Co-supervisor SHIS IT (2006-present)
  6. Scholarship/Teaching Incentive (2006)
  7. Faculty Search (Standing) (2003-present)
  8. Space (2004-present)
  9. Admissions (2005 – present)
  10. Applied track planning (2005-2006)
  11. Incentive plan review (2002)

## 12. Strategic planning (2002)

### University-Level Committees

1. IT Infrastructure (2003-2006)
2. Awards (2003-2006)
3. Faculty Development Leave (2003-present)
4. Inter-Faculty Council (IFC, 2002-present)
5. IFC Faculty Status, Rights and Responsibilities sub-committee (2004-present, Chair, 2005)
6. Nominating (2002-present)
7. Translational Research Center Planning (2005)
8. President Search Committee (elected from Interfaculty Council 2008)

### Medical School

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

### Texas Medical Center, National, Other Institutions

1. HAM-TMC Library Advisory Committee (2007-present)
2. UT Medical Branch (Galveston) Bioinformatics Faculty Search Committee (2007-present)
3. CTSA Biomedical Informatics National Steering Committee (2006-present)
4. CTSA Biomedical Informatics National Operations (Executive) Committee (2007-9)
5. American Medical Informatics Association Meetings Committee (2008)
6. CTSA Biomedical Informatics National Operations Committee (2008)

## PEER REVIEWED PAPERS

1. Mirhaji P, Zhu M, Vagnoni M, Bernstam EV, Zhang J, Smith JW. Ontology driven integration platform for clinical and translational research. *BMC Bioinformatics*, *in press*.
2. Hwang KO, Childs JH, Goodrick GK, Aboughali WA, Thomas EJ, Johnson CW, Yu SC, **Bernstam EV**. Explanations for unsuccessful weight loss among bariatric surgery candidates. *Obesity Surgery*, *in press*.
3. **Bernstam EV**, Walji MF, Sagaram S, Sagaram D, Johnson CW, Meric-Bernstam F. Commonly cited Web site quality criteria are not effective at identifying inaccurate online information about breast cancer. *Cancer*, 2008 Mar 15;112(6):1206-13.
4. Hwang KO, Farheen K, Johnson CW, Thomas EJ, Barnes AS, **Bernstam EV**. Quality of weight loss advice on Internet forums. *Am J Med*, 2007, 120:7, 604-9.
5. Meric-Bernstam F, Walji M, Sagaram S, Sagaram D, **Bernstam EV**. Breast cancer information currency. *Medinfo* 2007, pp. 973-6.
6. Herskovic JR, Tanaka LY, Hersh WR, **Bernstam EV**. A day in the life of PubMed: analysis of a typical day's query log. *J Am Med Inf Ass*, 2007 Mar-Apr;14(2), pp. 212-20.
7. **Bernstam EV**, Pancheri KK, Johnson CM, Johnson TR, Thomas EJ, Turley JP. Reasons for after-hours calls by hospital floor nurses to on-call physicians. *Joint Commission Journal on Quality and Patient Safety*, 2007 Jun;33(6), pp. 342-9.
8. Smith-Aiken KA, Bearden CF, Pittenger ST, **Bernstam EV**. Toward a veterinary informatics research agenda: an analysis of the PubMed-indexed literature. *Int J Med Inf*, 2007 Apr;76(4), pp. 306-12.

9. Edmonson SR, Smith-Aiken KA, **Bernstam EV**. Context, Automated Decision Support, and Clinical Practice Guidelines: Does the Literature Apply to the United States Practice Environment? *Int J Med Inf*, Jan 2007, 76:1, pp. 34-41.
10. Esquivel AE, Meric-Bernstam F, **Bernstam EV**. Accuracy and self correction of information received from an internet breast cancer list: content analysis. *BMJ* 2006; 332, pp. 939-42.
11. Herskovic JR, Iyengar S, **Bernstam EV**. Using hit curves to compare search algorithm performance. *J Biomed Inf*, 2007 Apr;40(2), pp. 93-9.
12. **Bernstam EV**, Herskovic JR, Aphinyanaphongs Y, Aliferis CF, Sriram MG, Hersh WR. Using citation data to improve retrieval from MEDLINE. *J Am Med Inf Ass*, 2006 Jan-Feb; 13(1): 96-105.
13. Herskovic JR, **Bernstam EV**. Using incomplete citation data for MEDLINE results ranking. *Proceedings of the AMIA Fall Symposium 2005*, pp. 316-20.
14. **Bernstam EV**, Sagaram S, Walji M, Johnson CW, Meric-Bernstam F. Usability of quality measures for online health information: can commonly used technical quality criteria be reliably assessed? *Int J Med Inf* 2005, 74:7-8; pp. 675-83.
15. Walji M, Sagaram S, Meric-Bernstam, F, Johnson CW, **Bernstam EV**. Searching for cancer-related information online: unintended retrieval of complementary and alternative medicine information. *Int J Med Inf* 2005, 74:1; pp. 685-93.
16. **Bernstam EV**, Shelton DM, Walji M, Meric-Bernstam F. Instruments to assess the quality of health information on the World Wide Web: what can our patients actually use? *Int J Med Inf* 2005 Jan; 74:1, pp. 13-9.
17. Walji M, Sagaram S, Sagaram D, Meric-Bernstam F, Johnson C, Mirza NQ, **Bernstam EV**. Efficacy of quality criteria to identify potentially harmful information: a cross-sectional survey of complementary and alternative medicine websites. *J Med Internet Res* 2004, June, 29; 6(2): e21.
18. Sagaram S, Walji M, Meric-Bernstam F, Johnson C, **Bernstam EV**. Inter-observer agreement for quality measures applied to online health information. *MedInfo* 2004, pp. 1308-12.
19. Tang Z, Zhang J, Johnson TR, **Bernstam EV**, Tindall D. Integrating task analysis in software usability evaluation: A case study. *Proceedings of the Human Factors and Ergonomics Society 48th Annual Meeting 2004*, pp. 1741-5.
20. Walji M, Sagaram S, Meric-Bernstam F, Johnson C, **Bernstam EV**. Cancer-related complementary and alternative medicine online: factors affecting information retrieval. *MedInfo* 2004, pp. 1318-22. [Won bronze medal]
21. Sagaram S, Walji M, **Bernstam EV**. Evaluating the prevalence, content and readability of complementary and alternative medicine (CAM) web pages on the Internet. *Proceedings of the AMIA Fall Symposium 2002*, pp. 672-6.
22. Michea Y, Pancheri K, Gong Y, **Bernstam EV**. Availability of online communication technology on diabetes web sites: comparing Chinese, English and Spanish web sites. *Proceedings of the AMIA Fall Symposium 2002*, pp. 523-7.
23. Meric F, **Bernstam EV**, Mirza NQ, Hunt KK, Ames FC, Ross MI, Kuerer HM, Pollock RE, Musen MA, Singletary SE. Breast Cancer on the World Wide Web: A Cross-sectional survey of Information Quality and Web Site Popularity. *BMJ*, 324:577-581, 2002.

24. Peleg M, Boxwala AA, **Bernstam EV**, Tu SW, Greenes RA, Shortliffe EH. Sharable Representation of Clinical Guidelines in GLIF: Relationship to the Arden Syntax. *Journal of Biomedical Informatics*, 34:3, 170-181, 2001.
25. **Bernstam EV**. Medline Query-by-Example (QBE) Proceedings of the AMIA Fall Symposium pp. 47-52, 2001.
26. **Bernstam EV**, Ash N, Peleg M, Tu S, Boxwala AA, Mork P Shortliffe EH, Greenes RA. Guideline classification to assist modeling, authoring, implementation and retrieval. Proceedings of the AMIA Fall Symposium pp. 66-70, 2000.
27. **Bernstam EV**, Strasberg HR, Rubin DL. Cost-Benefit Analysis of Computer-based Patient Records with Regard to their Use in Colon-Cancer Screening. Asia Pacific Medical Informatics Conference. September 28-9, 2000. Hong Kong, China.
28. Peleg, M, Boxwala AA, Ogunyemi O, Zeng Q, Tu SW, Lacson R, **Bernstam E**, Ash N, Mork P, Ohno-Machado L, Shortliffe EH, Greenes RA. GLIF3: The evolution of a guideline representation. Proceedings of the AMIA Fall Symposium pp. 645-9, 2000.
29. Deininger RA, **Bernstam EV**. (1993) *J Am Water Works Assn*, 85: 35.
30. Deininger RA, Clark RM, Hess AF and **Bernstam EV** (1992) *J Am Water Works Assn*, 84: 48-52.

**PEER REVIEWED  
POSTERS AND  
ABSTRACTS**

1. 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.
2. 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.
3. Okamura S, **Bernstam EV**. An instrument for consumers to discriminate inaccurate information on the Internet. Poster presented at: Medinfo 2007, August 20-2, 2007; Brisbane, Australia.
4. Hwang KO, Farheen K, Johnson CW, Thomas EJ, Barnes AS, **Bernstam EV**. Quality of weight loss advice on Internet forums. Poster presented at: Society of General Internal Medicine; April 25, 2007; Toronto, Ontario.
5. 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.
6. Walji M, Johnson-Throop K, Johnson T, **Bernstam E**, Zhang J. Persuasive Email Reminders to Enhance Appointment Adherence for Diabetics. AMIA Spring Congress. 2006.
7. 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.
8. **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.

9. 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.
10. 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.
11. 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.
12. **Bernstam EV**, Kamvar SD, Meric F, Dugan JM, Chang JT, Chizek SC, Stave C, Troyanskaya OG and Fagan LM. Oncology Patient Interface to MEDLINE. Proceedings of the American Society of Clinical Oncology 37<sup>th</sup> Annual Meeting 20:244a (abstract 974), 2001.
13. 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.
14. **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.
15. 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.
16. 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.
17. **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**, Meric-Bernstam F. Quality and accuracy of online health information. Chapter in: Whitten, P., Kreps, G., & Eastin, M. (Eds.) (In-progress). *Advances in Cancer Online Information Services*. Cresskill, NJ: Hampton Press.
2. **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.
3. **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.

#### INVITED PUBLICATIONS AND PRESENTATIONS

1. **Bernstam EV**. Informatics within CTSA programs. July 11, 2008, The University of Texas Health Science Center at San Antonio, San Antonio, TX.
2. **Bernstam EV**. Information challenges to personalized medicine. Pathways to Personalized Medicine: Rate-limiting Factors in Delivering the Promise. June 14, 2008, Houston, TX.

3. **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.
4. **Bernstam EV, Meric-Bernstam F, Johnson-Throop K, Turley JP, Smith JW.** Panel: Translational Research Informatics. Medinfo 2007, August 20-4, 2007, Brisbane Australia.
5. **Bernstam EV.** Biomedical informatics at the Center for Clinical and Translational Sciences. Duke Clinical Research Institute (DCRI), June 20, 2007, Durham, NC.
6. **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.
7. **Bernstam EV.** Consumer health information on the Internet: whose problem is it? W. M. Keck Center Symposium. January 13, 2006. Houston, TX.
8. **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.
9. **Bernstam EV, Strasberg HR, McKibbin KA and Aphinyanaphongs Y.** Clinical knowledge: moving beyond relevance to importance. Panel presented at the AMIA Fall Symposium 2005, October 25, 2005, Washington, DC.
10. **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 UT-HSC faculty]
11. **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.
12. **Bernstam EV.** Consumer informatics research at the Texas Medical Center. IMIA Consumer Informatics Working Group invited presentation. September 8, 2004. San Francisco, CA.
13. **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)
14. **Bernstam EV.** Medline QBE (Query-by-Example) Invited Research Seminar. Department of Biomedical Informatics, Vanderbilt University. April 28, 2004. Nashville, TN.
15. **Bernstam EV.** Consumer Informatics. Invited presentation. Cardeo Conference. February 13, 2004. Houston, TX.
16. **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.
17. **Bernstam EV.** Biomedical Informatics. May 14, 2003. SAP Labs North America, Palo Alto, CA.

18. Meric F, **Bernstam EV**. Breast cancer on the World Wide Web. *Breast Diseases, A Yearbook Quarterly* (2003), 14:1, pp. 20-3.
19. **Bernstam EV**. Chronic Cough in Immunocompetent Adults. *MD Vista Journal of Medicine*. <http://www.mdvista.com>, 2001.
20. 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. Herskovic JR, **Bernstam EV**. Simplifying a tough job: indexing the biomedical literature automatically. UTH 13th Annual Research Day 2007, Houston, TX.
2. 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.
3. Herskovic JR, **Bernstam EV**. Applying Citation Analysis to PubMed for Improved Information Retrieval. UTH 11th Annual Research Day 2005, Houston, TX.
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