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Curriculum Vitae

Michael N. Cantor, MD FACP
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EDUCATION

Year	Degree	Field	Institution
1991	A.B.	Politics	Princeton University
1998	M.D.	Medicine	Emory University
2004	M.A.	Biomedical Informatics	Columbia University

Internships and Residencies

1998-1999	Intern in Medicine, New York Presbyterian Hospital, Columbia Campus
1999-2001	Medical Resident, New York Presbyterian Hospital, Columbia Campus

Research Fellowships

2001-2004	NLM-sponsored Research Fellow in Biomedical Informatics, Columbia University
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Licensure and Certification

1999	New York State License # 215695-1
2001	American Board of Internal Medicine Certificate #204393

Professional Appointments

2005-2008	Chief Medical Information Officer, South Manhattan Healthcare Network
2008-	Director, Healthcare Informatics, Pfizer Inc.

Academic Appointments

2001-2004	Instructor in Medicine, Columbia University
2004	Instructor in Medicine, Albert Einstein College of Medicine
2004-2005	Assistant Professor of Medicine, Albert Einstein College of Medicine
2005-present	Clinical Assistant Professor of Medicine, New York University School of Medicine

Hospital Appointments

2001-2004	Assistant Attending Physician, New York Presbyterian Hospital
2004-2005	Assistant Attending Physician, Beth Israel Medical Center
2005-present	Assistant Attending Physician, New York University Medical Center/ Bellevue Hospital

Teaching Experience

Michael Cantor, MD

- 9/02 – 12/02 Teaching Assistant, Public Health Informatics, Department of Biomedical Informatics, Columbia University, New York, NY
- 9/03 – 12/03 Teaching Assistant, Natural Language Processing in Biomedicine, Department of Biomedical Informatics, Columbia University, New York, NY
- 2001-2004 Clinician Educator, Columbia University, New York, NY
- 2004- 2005 Clinician Educator, Beth Israel Medical Center, New York, NY
- 2004- 2005 Evidence-Based Medicine, Beth Israel Medical Center, New York, NY
- 2005-present Clinician Educator, Bellevue Hospital
- 2005-present Co- instructor, Introduction to Medical Informatics, New York University School of Medicine

Awards and Honors

- 1991 Jeopardy! College Tournament, Semi-Finalist
- 2001 Housestaff Research Award

Major Committee Assignments

American Medical Informatics Association
2006-present Public Policy Committee

National Quality Forum
2009 Health Information Technology Expert Panel II, Dataflow Workgroup

Beth Israel Medical Center

2004-2005 Clinical Information Systems Inpatient Physicians Advisory Group
2004-2005 Ambulatory Clinical Information Systems Core Advisory and Design Group

Bellevue Hospital

2005-2008 Chair, Clinical Information Systems Committee
Sept 2006-Jan 2007 Chair, Health Information Systems Committee
2005-2008 Patient Safety Committee
2005-2008 Medical Records Committee

Memberships

2000-present American Medical Informatics Association
2007-present American College of Physicians

Grants Received

Current

Agency	Title	Period	Role	% Effort
NLM	Web Services for Preventive Health 1G08LM009535-01A1	11/08-10/11	P.I. (original)	In-kind

Prior

Agency	Title	Period	Role	% Effort
CDC / AAMC	Medicine and Public Health Research Training Program 1-T010CD000146-01	9/04-1/08	Investigator	10%
NHLBI	General Internal Medicine Faculty Development Program	7/05-1/08	Investigator	10%
U.S. Dept. of Homeland Security	Enhancing medical and public health capabilities during times of crisis 2002-DT-CX-K002	9/05-12/06	Investigator	30%
NLM	Training Grant in Biomedical Informatics N01-LM07079	7/01-1/04	Investigator	5%
NYS Council on GME	Creating an Evidence –Based EMR: ECRIP	7/05-9/05	PI	50%
John Wiley & Sons	Ontology-based retrieval of individualized excerpts : Contract	7/04-7/06	Consultant	10%

Patents

20060074991 Lussier, YA, Sarkar, IN, Cantor MN. System and method for generating an amalgamated database for in-silico knowledge discovery

Invited Presentations

- 6/05 “Clinical Decision Support Systems- Past, Present, Future”
Grand Rounds, Department of Medicine, Beth Israel Medical Center
- 6/07 “Medication Safety in the Ambulatory Setting”
Grand Rounds, Department of Medicine, Gouverneur Diagnostic and Treatment Center
- 4/09 “Enabling Personalized Medicine through the use of Healthcare IT”- Arrowhead Personalized Medicine Conference, Baltimore, MD
- 09/09 “Personalized Medicine: State of the Art” – Life Science Regional Technology Symposium, Princeton, NJ
- 11/09 “Challenges and Opportunities in Personalized Medicine” – BioFlorida Annual Conference, Orlando, FL

Editorial Activities

Michael Cantor, MD

Reviewer, *Pacific Symposium on Biocomputing* 2006-7.
 Reviewer, *Computer Methods and Programs in Biomedicine*, 2006.
 Reviewer, *Quality and Safety in Healthcare*, 2007-9.
 Scientific Review Committee, AHRQ, *Centers for Education and Research on Therapeutics*, 2007.
 Reviewer, *AMIA Annual Symposium*, 2007-9
 Reviewer, *BMJ International Forum on Quality and Safety*, 2007-9.
 Reviewer, *Journal of Biomedical Informatics*, 2009.

Bibliography

- Cantor MN, Lussier YA. A knowledge framework for computational molecular-disease relationships in cancer. *Proc AMIA Symp* 2002;;101-5.
- Lussier YA, Sarkar IN, Cantor MN. An integrative model for in-silico clinical-genomics discovery science. *Proc AMIA Symp* 2002;;469-73.
- Sarkar IN, Cantor MN, Gelman R, Hartel F, Lussier YA. Linking biomedical language information and knowledge resources: GO and UMLS. *Pac Symp Biocomputing* 2003;;439-50.
- Cantor MN, Sarkar IN, Gelman R, Hartel F, Lussier YA, Bodenreider O. An evaluation of hybrid methods for matching biomedical terminologies: Mapping the Gene Ontology to the UMLS. *Stud Health Technol Inform.* 2003;95::62-7.
- Cantor MN, Lussier YA. Putting data integration into practice: Using biomedical terminologies to add structure to existing data sources. *Proc AMIA Symp* 2003;;125-129.
- Wang D, Peleg M, Bu D, Cantor MN, et al. GESDOR – A Generic Execution Model for Sharing of Computer-Interpretable Clinical Practice Guidelines. *Proc AMIA Symp* 2003;;624-9.
- Cantor MN, Lussier YA. Mining OMIM for insight into complex diseases. *MEDINFO* 2004; 2004:753-7.
- Wang X, Quek H, Cantor MN, Kra P, Schultz A, Lussier YA. Automating terminological networks to link heterogeneous biomedical databases. *MEDINFO* 2004; 2004:555-9.
- Cantor MN, Sarkar IN, Bodenreider O, Lussier YA. . Genetrace : Phenomic knowledge discovery via structured terminology. *Pacific Symposium on Biocomputing* 2005;;103-14.
- Cantor MN, Lavarias T, Lam S, Mount L, Laskova V, Nakhmiyayev V, Bieer Y, Paiuso D, Antonacci AC. Barriers to Implementing a Surgical Beta Blocker Protocol. *Joint Commission Journal of Quality and Safety* 2005;31(11):640-8.

Cantor MN, Feldman HJ, Triola MM. Using Trigger Phrases to Detect Adverse Drug Reactions in Ambulatory Care Notes. *Quality and Safety in Healthcare* 2007;16:132-134.

Bails D, Clayton K, Roy K, Cantor, MN. Implementing Online Medication Reconciliation at a Large Academic Medical Center. *Joint commission Journal of Quality and Safety* 2008; 34(9):499-508.

Cantor, MN. Enabling personalized medicine through the use of healthcare information technology. *Personalized Medicine* 2009; 6(5):589-594.

Abstracts:

Sarkar IN, Cantor MN, DeSalle R, Lussier YA. Exploring SNOMED using phylogenetic analysis tools. *AMIA Annual Symposium* 2002.

Cantor MN, Sarkar IN, Gelman R, Hartel F, Lussier YA, Bodenreider O. Hybrid lexical and semantic methods for mapping the Gene Ontology to the UMLS. *Pac Symp Biocomputing* 2003.

Cantor MN, Lussier YA. Mining OMIM for Insight into Complex Diseases- Can the Results be Applied to an Electronic Medical Record? *Biomedical Informatics for Clinical Decision Support, BECON/BISTIC 2004 Conference*.

Cantor MN, Raucher BG. Measuring clinicians' expectations prior to EHR implementation. *AMIA Annual Symposium* 2005.

Cantor MN, Bu DT. Evaluating the web as a clinical knowledge base. *AMIA Annual Symposium* 2005.

Chelico JD, Elliott A, Cantor MN. Bellevue Hospital's Integrated EHR: Local Customization of a Vendor System for Signouts, Quality Reporting, and Online Documentation. *AMIA Annual Symposium* 2009.