

Mark Gerstein

Williams Professor of Biomedical Informatics, Yale
Full CV as of 8 Jan. 2018 (with some sections less current)

Education

Harvard College	AB	1989	Physics (& History of Science)
Cambridge University	PhD	1993	Biophysics/Chemistry
Stanford University	post-doc	1993-1996	Bioinformatics

Positions

2006 -	AL Williams Prof. Biomedical Informatics, Yale U.
2002 -	co-director Yale Computational Biology & Bioinformatics Program
2017 -	co-director Yale Center for Biomedical Data Science
2006 -	Prof. Molecular Biophysics & Biochemistry, Yale U.
2006 -	Prof. Computer Science, Yale U.
2018 -	Prof. Statistics & Data Science, Yale U.
2001 - 2006	Assoc. Prof. Molecular Biophysics & Biochemistry and Computer Science, Yale U
1997 - 2001	Asst. Prof. Molecular Biophysics & Biochemistry, Yale U.

Honors

2015	ISCB (Intl. Society of Computational Biology) Fellow
2009	AAAS Fellow
1997 - 2001	Young Investigator Awards from Navy & IBM, and PhRMA, Donaghue, & Keck foundations
1993 - 1996	Damon Runyon-Walter Winchell post-doctoral Fellowship
1989 - 1993	Herchel-Smith Scholarship funded PhD at Cambridge
1989	Graduated college <i>summa cum laude & phi beta kappa</i>

Editorial Boards

Genome Research, Molecular Systems Biology, PLoS Comp Bio, GenomeBiology,
BMC Bioinformatics, Molecular & Cellular Proteomics, Protein Science,
Molecular Biology & Evolution, F1000 (co-head Big Data & Analytics Section)

Professional Experience (beyond Yale, but not including “for profits”)

Analysis Working Group co-chair: NHGRI ModENCODE Project ('07-'14), Brainspan Project ('09-),
1000 Genomes Functional Interpretation Group ('11-'15), exRNA consortium ('13-), ENCODE ('17-)
CMG [Centers for Mendelian Genomics] ('13-), PsychENCODE ('14-),
PCAWG-2 [PanCancer Analysis Working Group, non-coding drivers] ('14-),
ENCODE & cancer ('13-'16)

Member Toronto Integrative Biology SAB, Member Cytoscape SAB
NE Big Data Innovation Hub (NSF-sponsored), Governance Committee ('15-)
Program Committee BIBM '09, '12, '15
NIH Human Proteome Meeting Organizing Committee
NSF Workshops on Knowledge Management and Visualization Tools, '08

Gerstein Lab Personnel [Name, Role+Comment] (updated 7-Dec-2017)

PI (1)

Mark Gerstein	Albert L Williams Professor	01/1997
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Laboratory Staff (2)

Mihali Felipe	Systems Administrator	11/2004
Lori Ianicelli	Administrative Assistant	03/2013

Research Scientists (4)

Shuang Liu	Assoc. Res. Sci.	04/2015
Joel Rozowsky	Research Scientist	09/2003
Jonanathan Warrell	Assoc. Res. Sci.	09/2016
Jing Zhang	Assoc. Res. Sci.	02/2014

Postdoctoral Associates and Fellows (12)

Prashant Emani		02/2017
Timur Galeev		09/2014
Gamze Gursoy		11/2016
Xiangmeng Kong		03/2017
Sushant Kumar		12/2013
Shaoke Lou		05/2015
Fabio Navarro		10/2014
Leonidas Salichos		09/2014
Jinrui Xu		11/2015
Chengfei Yan		11/2016
Min Xu		09/2017
Xu Shi		10/2017

Graduate Students (12)

Declan Clarke	Chemistry; short postdoc	08/2010
Mengting Gu	CBB	08/2013
Donghoon Lee	CBB	08/2014
Xiaotong Li	CBB (jt. with L Pusztai)	09/2014
Shantao Li	CBB; short postdoc	08/2012
Lucas Lochovsky	CBB; short postdoc	03/2009
William Meyerson	CBB (MD/PhD)	08/2014
Hussein Mohsen	CBB	08/2016
Paul Muir	MCDB (jt. with F Isaacs)	08/2013
Jonathan Park	CBB (MD/PhD)	03/2016
Michael R. Schoenberg	MBB (jt. with M Simon)	08/2012
Bo Wang	Chemistry	08/2013

Full-time Research Associates (1)

Patrick McGillivray	full-time in research year	06/2014
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Yale Undergrads (10)

James Diao		06/2015
Jo-Jo Feng		05/2016
Jason Liu	full-time postgrad	05/2014
Sarah Wagner		06/2016
Kasidet Manakongtreecheep		09/2017
Rifaat Samawi		09/2017
Dawn Chen		09/2017
Daniel Fridman		11/2017
Eric Yu		11/2017
Holly Zhou		09/2016

Misc. (2)

Brian Barron	MD student	10/2015
Molly Green		11/2017

Past Postdoctoral Associates and Fellows (as of 31 Sep. '14, with selective updates on 1 Dec. '17)

Currently Holding a Faculty Position

Jiang Qian	1999 – 2002	Johns Hopkins	Assoc. Prof.
Paul Harrison	1999 – 2004	Biology Dept., McGill U	Tenured Assoc. Prof.
Yuval Kluger	1999 – 2002	Pathology Dept., Yale U.	Assoc. Prof.
Nicholas Luscombe	2000 – 2004	Univ. College London	Tenured Prof.
Zhaolei Zhang	2002 – 2004	CCBR, U of Toronto	Tenured Prof.
John Karro	2003 – 2005	CS Dept., Miami U.	Asst. Prof.
Yu (Brandon) Xia	2003 – 2006	Bioengineering Dept., McGill U	Assoc. Prof.
Long Lu	2003 – 2006	Cincinnati Children's Hospital	Asst. Prof.
Olof Emanuelsson	2003 – 2005	Royal Inst. of Technology, Sweden	Asst. Prof.
Deyou Zheng	2003 – 2007	Albert Einstein College of Medicine	Asst. Prof.
Alberto Paccanaro	2003 – 2005	CS Dept. Royal Holloway, U of London	Professor
Philip Kim	2004 – 2008	CCBR, U of Toronto	Tenured Assoc. Prof.
Zhengdong Zhang	2005 – 2010	Albert Einstein College of Medicine	Asst. Prof.
Jan Korbel	2005 – 2007	EMBL	Group Leader
Andrea Sboner	2006 – 2011	Cornell Medical School	Asst. Prof.
Zhi (John) Lu	2008 – 2011	Tsinghua University	Asst. Prof.
Chao Cheng	2008 – 2012	Dartmouth University	Asst. Prof.
Alexej Abyzov	2008 – 2014	Mayo Clinic/U of Minnesota	Asst. Prof.
Ekta Khurana	2008 – 2014	Weill Cornell Medical College	Asst. Prof.
Gang Fang	2007 – 2014	NYU (Shanghai)	Asst. Prof.
Arif Harmanci	2010 – 2017	UTHealth	Asst. Prof.
Cristina Sisu	2011 – 2017	Brunel University London	Asst. Prof.
Yan Zhang	2012 – 2015	Ohio State	Asst. Prof.
Daifeng Wang	2012 – 2016	Stony Brook University	Asst. Prof.

Working in Industry

Valery Trifonov	1998 – 2004	Goldman Sachs
Ning Lan	2000 – 2002	Incyte
Yang Liu	2000 – 2003	Sigma-Aldrich
Ian Laurenzi	2002 – 2004	ExxonMobil
Sambath Chung	2002 – 2004	Genelogic
Ursula Lehnert	2002 – 2004	McKinsey Consulting
Duncan Milburn	2002 – 2005	UCB Pharma
Zhiyun (Eric) Yu	2003 – 2006	McKinsey Consulting
Alexander Karpikov	2004 – 2007	JP Morgan
Yongpan (Daniel) Yan	2005 – 2006	Glaxosmithkline
Thayalini Arinaminpathy	2005 – 2007	British Telecom
Anne Burba (Counterman)	2005 – 2009	freelance writing
Nitin Bhardwaj	2007 – 2011	BASF
Koon-Kiu Yan	2008 – 2017	St. Jude Children's Hospital
Renqiang Min	2011 – 2012	NEC
Robert Kitchen	2011 – 2016	Exosome Diagnostics
Wyatt Clarke	2013 – 2014	BioMarin Pharmaceutical
Anurag Sethi	2013 – 2016	Seven Bridges Genomics

Other

Hedi Hedyi	1998 – 2000	
Jochen Junker	2000 – 2002	
Chern-Sing Goh 1	2002 – 2006	
Rajkumar (Raj) Sasidharan	2004 – 2008	
Can (John) Bruce	2005 – 2007	
Roger Alexander	2007 – 2013	Pacific NW Diabetes Research Inst

Past PhD students (as of 31 Sep. '14, with selective updates on 1 Dec. '16)

Currently Holding a Faculty Position

Paul Bertone	1998 – 2005	EBI (Cambridge)	Group Leader
Haiyuan Yu	2000 – 2005	Biostat & Comp. Bio., Cornell U	Tenured Assoc. Prof.
Samuel Flores	2004 – 2007	Cell & Mol. Biol., Uppsala U	Asst. Prof.
Kevin Yip	2004 – 2009	The Chinese University of Hong Kong	Asst. Prof.

Elsewhere in academia

Xinmeng Mu	2007 – 2012	Broad Inst./Harvard Med.	Postdoc
Raymond Auerbach	2007 – 2012	Stanford U.	Postdoc
Jieming Chen	2011 – 2016	UCSF	Postdoc

Working in Industry

Werner Krebs	1996 – 2001	Bank of America
Rajdeep Das	1998 – 2004	WorldQuant
Ronald Jansen	1997 – 2002	Goldman Sachs
Vadim Alexandrov	1998 – 2003	Psychogenics
Thomas Royce	2002 – 2007	Illumina
Andrew Smith	2002 – 2007	Bristol-Myers Squibb
Jiang Du	2004 – 2010	JP Morgan
Chong Shou	2005 – 2011	MF Global
Hugo (Yu Kor) Lam	2005 – 2010	23andme
William Grenawitzke	2006 – 2006	Merrill Lynch
Dov Greenbaum	1999 – 2004	Pearl Cohen Zedek Latzer
Michael Seringhaus	2001 – 2007	Latham & Watkins
Lukas Habegger	2007 – 2012	LEK Consulting
Jing Leng	2009 – 2014	Illumina

Other

Ted Johnson	1996 – 2003
Tara Gianoulis	2003 – 2009
Prianka Patel	2004 – 2010

Teaching (as of 8 Jan. 2018)

Biomedical Data Science: Mining & Modeling

CBB752b, MBB752b, CS752b, MBB452, MBB753, MBB754, S&DS352

Principal instructor responsible for whole-semester course on fundamentals of bioinformatics and biological data science taught to advanced undergraduates and graduate students (from Computational Biology, Biophysics, CS and Statistics & Data Science).

Course comprised of 25 lectures of 75', each with weekly section, graded homework and quizzes, midterm and final project.

Taught continuously for 19 iterations (since '98), usually in Spring. (Name has been changed from Genomics & Bioinformatics, to Bioinformatics to its current name.)

Course web site is www.gersteinlab.org/courses/452

Other Miscellaneous Current Teaching

Responsible Conduct of Research (MBB676b) in the Spring '14 & '15 (1 class).

Evidence Behind Health News (HLTH081) in Fall '16 (1 class)

Science and Politics of Cancer (MCDB 40) in Spring '17 (1 class)

Notable Past Courses

Parts of (~6 75' lectures)

1) CS Course "Introduction to Data Mining"

2) Molecular Biophysics course "Macromolecules"

Committee Work (as of 8 Jan. 2018)

Yale Activities in Computational Biology & Biomedical Data Science

co-DGS & co-director with H Zhao (fall '02-), Yale Computational Biology & Bioinformatics (CBB) Program (Previous to this was member of the track committee)

Also, member of CBB admissions committee (since '03-)

co-director with H Zhao (fall '17-), Yale Center for Biomedical Data Science (CBDS)

Also, member of CBDS steering committee, membership committee & website committee

Medical School Strategic Planning Bridge sub-Committee on Biomedical Data Science & Implementation Committee (co-chair, '14-'17)

Member of sub-group preparing data science proposal

for University Science Strategy Committee (USSC, '17)

Thesis Research & Qualifying Exam committees in Comp. Bio. (>5)

Yale CS admissions (ad hoc review of applications in comp. biol., '17)

Yale Center for Research Computing Steering Committee ('15-)

co-director Keck Bioinformatics Resource ('12-'16)

Other University Activities

West Campus Systems Biology Institute Advisory Committee ('12-) & Comp. Biology Search ('15)

University Deputy CIO Search & Sr. Director Research Technologies ('12-'15)

CT Biocompute Yale lead ('15)

MB&B Space Committee ('17-)

Main Scientific Publications

(See footnotes at end of the publication section)

-- 2017 --

- BC Carlyle, RR Kitchen, JE Kanyo, EZ Voss, M Pletikos, AMM Sousa, TT Lam, MB Gerstein, N Sestan, AC Nairn (2017). "A multiregional proteomic survey of the postnatal human brain." *Nat Neurosci* 20: 1787-1795.
- AMM Sousa, Y Zhu, MA Raghanti, RR Kitchen, M Onorati, ATN Tebbenkamp, B Stutz, KA Meyer, M Li, YI Kawasawa, F Liu, RG Perez, M Mele, T Carvalho, M Skarica, FO Gulden, M Pletikos, A Shibata, AR Stephenson, MK Edler, JJ Ely, JD Elsworth, TL Horvath, PR Hof, TM Hyde, JE Kleinman, DR Weinberger, M Reimers, RP Lifton, SM Mane, JP Noonan, MW State, ES Lein, JA Knowles, T Marques-Bonet, CC Sherwood, MB Gerstein, N Sestan (2017). "Molecular and cellular reorganization of neural circuits in the human lineage." *Science* 358: 1027-1032.
- L Lochovsky, J Zhang, M Gerstein (2017). "MOAT: Efficient Detection of Highly Mutated Regions with the Mutations Overburdening Annotations Tool." *Bioinformatics*.
- Q Cao, C Anyansi, X Hu, L Xu, L Xiong, W Tang, MTS Mok, C Cheng, X Fan, M Gerstein, ASL Cheng, KY Yip (2017). "Reconstruction of enhancer-target networks in 935 samples of human primary cells, tissues and cell lines." *Nat Genet* 49: 1428-1436.
- S Balasubramanian, Y Fu, M Pawashe, P McGillivray, M Jin, J Liu, KJ Karczewski, DG MacArthur, M Gerstein (2017). "Using ALoFT to determine the impact of putative loss-of-function variants in protein-coding genes." *Nat Commun* 8: 382.
- KK Yan, S Lou, M Gerstein (2017). "MrTADFinder: A network modularity based approach to identify topologically associating domains in multiple resolutions." *PLoS Comput Biol* 13: e1005647.
- SME Sahraeian, M Mohiyuddin, R Sebra, H Tilgner, PT Afshar, KF Au, N Bani Asadi, MB Gerstein, WH Wong, MP Snyder, E Schadt, HYK Lam (2017). "Gaining comprehensive biological insight into the transcriptome by performing a broad-spectrum RNA-seq analysis." *Nat Commun* 8: 59.
- Y Zhang, S Li, A Abyzov, MB Gerstein (2017). "Landscape and variation of novel retroduplications in 26 human populations." *PLoS Comput Biol* 13: e1005567.
- S Kumar, M Gerstein (2017). "Cancer genomics: Less is more in the hunt for driver mutations." *Nature* 547: 40-41.
- P Dhingra, Y Fu, M Gerstein, E Khurana (2017). "Using FunSeq2 for Coding and Non-Coding Variant Annotation and Prioritization." *Curr Protoc Bioinformatics* 57: 15111-151117.
- P Alves, S Liu, D Wang, M Gerstein (2017). "Multiple-Swarm Ensembles: Improving the Predictive Power and Robustness of Predictive Models and Its Use in Computational Biology." *IEEE/ACM Trans Comput Biol Bioinform*.
- V Despic, M Dejung, M Gu, J Krishnan, J Zhang, L Herzel, K Straube, MB Gerstein, F Butter, KM Neugebauer (2017). "Dynamic RNA-protein interactions underlie the zebrafish maternal-to-zygotic transition." *Genome Res* 27: 1184-1194.

- D Greenbaum, J Rozowsky, V Stodden, M Gerstein (2017). "Structuring supplemental materials in support of reproducibility." *Genome Biol* 18: 64.
- KK Yan, GG Yardimci, C Yan, WS Noble, M Gerstein (2017). "HiC-spector: a matrix library for spectral and reproducibility analysis of Hi-C contact maps." *Bioinformatics* 33: 2199-2201.
- S Li, BM Shuch, MB Gerstein (2017). "Whole-genome analysis of papillary kidney cancer finds significant noncoding alterations." *PLoS Genet* 13: e1006685.
- DM Kasper, A Moro, E Ristori, A Narayanan, G Hill-Teran, E Fleming, M Moreno-Mateos, CE Vejnar, J Zhang, D Lee, M Gu, M Gerstein, A Giraldez, S Nicoli (2017). "MicroRNAs Establish Uniform Traits during the Architecture of Vertebrate Embryos." *Dev Cell* 40: 552-565e5. [PMID: 28350988][PMCID: PMC5404386]
- E Mick, R Shah, K Tanriverdi, V Murthy, M Gerstein, J Rozowsky, R Kitchen, MG Larson, D Levy, JE Freedman (2017). "Stroke and Circulating Extracellular RNAs." *Stroke* 48: 828-834.
- A Abyzov, L Tomasini, B Zhou, N Vasmatzis, G Coppola, M Amenduni, R Pattni, M Wilson, M Gerstein, S Weissman, AE Urban, FM Vaccarino (2017). "One thousand somatic SNVs per skin fibroblast cell set baseline of mosaic mutational load with patterns that suggest proliferative origin." *Genome Res* 27: 512-523.

-- 2016 --

- J Chen, B Wang, L Regan, M Gerstein (2016). *Intensification: A Resource for Amplifying Population-Genetic Signals with Protein Repeats*. *J Mol Biol* 429: 435-445.
- S Kumar, D Clarke, M Gerstein (2016). "Localized structural frustration for evaluating the impact of sequence variants," *Nuc. Acids Res*. doi:10.1093/nar/gkw927
- D Wang, F He, S Maslov, M Gerstein (2016). "DREISS: Using State-Space Models to Infer the Dynamics of Gene Expression Driven by External and Internal Regulatory Networks," *PLoS Comput Biol* 12: e1005146.
- D Greenbaum, M Gerstein (2016). "Opinion: GMOs Are Not 'Frankenfoods,'" *The Scientist* (30 Aug.)
- CC Yang, EH Andrews, MH Chen, WY Wang, JJ Chen, M Gerstein, CC Liu, C Cheng (2016). "iTAR: a web server for identifying target genes of transcription factors using ChIP-seq or ChIP-chip data," *BMC Genomics* 17: 632.
- SW Choo, M Rayko, TK Tan, R Hari, A Komissarov, WY Wee, AA Yurchenko, S Kliver, G Tamazian, A Antunes, RK Wilson, WC Warren, KP Koepfli, P Minx, K Krasheninnikova, A Kotze, DL Dalton, E Vermaak, IC Paterson, P Dobrynin, FT Sitam, JJ Rovie-Ryan, WE Johnson, AM Yusoff, SJ Luo, KV Karuppanan, G Fang, D Zheng, MB Gerstein, L Lipovich, SJ O'Brien, GJ Wong (2016). "Pangolin genomes and the evolution of mammalian scales and immunity," *Genome Res* 26: 1312-1322.
- R Shah, K Tanriverdi, D Levy, M Larson, M Gerstein, E Mick, J Rozowsky, R Kitchen, V Murthy, E Mikalev, JE Freedman (2016). "Discordant Expression of Circulating microRNA from Cellular and Extracellular Sources," *PLoS One* 11: e0153691.
- JE Freedman, M Gerstein, E Mick, J Rozowsky, D Levy, R Kitchen, S Das, R Shah, K Danielson, L Beaulieu, FC Navarro, Y Wang, TR Galeev, A Holman, RY Kwong, V Murthy, SE Tanriverdi, M

Koupenova-Zamor, E Mikhalev, K Tanriverdi (2016). "Diverse human extracellular RNAs are widely detected in human plasma," *Nat Commun* 7: 11106.

KH Cheung, S Keerthikumar, P Roncaglia, SL Subramanian, ME Roth, M Samuel, S Anand, L Gangoda, S Gould, R Alexander, D Galas, MB Gerstein, AF Hill, RR Kitchen, J Lotvall, T Patel, DC Procaccini, P Quesenberry, J Rozowsky, RL Raffai, A Shypitsyna, AI Su, C Thery, K Vickers, MH Wauben, S Mathivanan, A Milosavljevic, LC Laurent (2016). "Extending gene ontology in the context of extracellular RNA and vesicle communication," *J Biomed Semantics* 7: 19.

J Chen, J Rozowsky, TR Galeev, A Harmanci, R Kitchen, J Bedford, A Abyzov, Y Kong, L Regan, M Gerstein (2016). "A uniform survey of allele-specific binding and expression over 1000-Genomes-Project individuals," *Nat Commun* 7: 11101.

D Clarke, A Sethi, S Li, S Kumar, RW Chang, J Chen, M Gerstein (2016). "Identifying Allosteric Hotspots with Dynamics: Application to Inter- and Intra-species Conservation," *Structure* 24: 826-37.

KK Yan, D Wang, A Sethi, P Muir, R Kitchen, C Cheng, M Gerstein (2016). "Cross-Disciplinary Network Comparison: Matchmaking Between Hairballs," *Cell Syst* 2: 147-157.

D Greenbaum, M Gerstein (2016). "Who Owns Your DNA?" *Cell* 165:257-258.

F He, S Yoo, D Wang, S Kumari, M Gerstein, D Ware, S Maslov (2016). "Large-scale atlas of microarray data reveals the distinct expression landscape of different tissues in Arabidopsis," *Plant J* 86: 472-80.

P Muir, S Li, S Lou, D Wang, DJ Spakowicz, L Salichos, J Zhang, GM Weinstock, F Isaacs, J Rozowsky, M Gerstein (2016). "The real cost of sequencing: scaling computation to keep pace with data generation," *Genome Biol* 17: 53.

D Wang, KK Yan, J Rozowsky, E Pan, M Gerstein (2016). "Temporal Dynamics of Collaborative Networks in Large Scientific Consortia," *Trends Genet* 32: 251-3.

A Harmanci, M Gerstein (2016). "Quantification of private information leakage from phenotype-genotype data: linking attacks," *Nat Methods* 13: 251-6.

A Abyzov, S Li, MB Gerstein (2016). "Understanding genome structural variations," *Oncotarget* 7: 7370-1.

E Khurana, Y Fu, D Chakravarty, F Demichelis, MA Rubin, M Gerstein (2016). "Role of non-coding sequence variants in cancer." *Nat Rev Genet* 17: 93-108.

-- 2015 --

Cancer Genome Atlas Research Network. "The Molecular Taxonomy of Primary Prostate Cancer." *Cell* 163: 1011-25.

A Abyzov, S Li, MB Gerstein (2015). "Understanding genome structural variations." *Oncotarget* .

A Sethi, D Clarke, J Chen, S Kumar, TR Galeev, L Regan, M Gerstein (2015). "Reads meet rotamers: structural biology in the age of deep sequencing." *Curr Opin Struct Biol* 35: 125-34.

S Akbarian, C Liu, JA Knowles, FM Vaccarino, PJ Farnham, GE Crawford, AE Jaffe, D Pinto, S Dracheva, DH Geschwind, J Mill, AC Nairn, A Abyzov, S Pochareddy, S Prabhakar, S Weissman, PF Sullivan, MW State, Z Weng, MA Peters, KP White, MB Gerstein, A Amiri, C Armoskus, AE Ashley-Koch, T Bae, A Beckel-Mitchener, BP Berman, GA Coetzee, G Coppola, N Francoeur, M Fromer, R Gao, K Grennan, J Herstein, DH Kavanagh, NA Ivanov, Y

Jiang, RR Kitchen, A Kozlenkov, M Kundakovic, M Li, Z Li, S Liu, LM Mangravite, E Mattei, E Markenscoff-Papadimitriou, FC Navarro, N North, L Omberg, D Panchision, N Parikshak, J Poschmann, AJ Price, M Purcaro, TE Reddy, P Roussos, S Schreiner, S Scuderi, R Sebra, M Shibata, AW Shieh, M Skarica, W Sun, V Swarup, A Thomas, J Tsuji, H van Bakel, D Wang, Y Wang, K Wang, DM Werling, AJ Willsey, H Witt, H Won, CC Wong, GA Wray, EY Wu, X Xu, L Yao, G Senthil, T Lehner, P Sklar, N Sestan (2015). "The PsychENCODE project." *Nat Neurosci* 18: 1707-12.

D Greenbaum, M Gerstein (2015). "Illuminating the Genome's Dark Matter," *Cell* 163:1047-1048.

Cancer Genome Atlas Research Network, WM Linehan, PT Spellman, CJ Ricketts, CJ Creighton, SS Fei, C Davis, DA Wheeler, BA Murray, L Schmidt, CD Vocke, M Peto, AA Al Mamun, E Shinbrot, A Sethi, S Brooks, WK Rathmell, AN Brooks, KA Hoadley, AG Robertson, D Brooks, R Bowlby, S Sadeghi, H Shen, DJ Weisenberger, M Bootwalla, SB Baylin, PW Laird, AD Cherniack, G Saksena, S Haake, J Li, H Liang, Y Lu, GB Mills, R Akbani, MD Leiserson, BJ Raphael, P Anur, D Bottaro, L Albiges, N Barnabas, TK Choueiri, B Czerniak, AK Godwin, AA Hakimi, TH Ho, J Hsieh, M Ittmann, WY Kim, B Krishnan, MJ Merino, KR Mills Shaw, VE Reuter, E Reznik, CS Shelley, B Shuch, S Signoretti, R Srinivasan, P Tamboli, G Thomas, S Tickoo, K Burnett, D Crain, J Gardner, K Lau, D Mallery, S Morris, JD Paulauskis, RJ Penny, C Shelton, WT Shelton, M Sherman, E Thompson, P Yena, MT Avedon, J Bowen, JM Gastier-Foster, M Gerken, KM Leraas, TM Lichtenberg, NC Ramirez, T Santos, L Wise, E Zmuda, JA Demchok, I Felau, CM Hutter, M Sheth, HJ Sofia, R Tarnuzzer, Z Wang, L Yang, JC Zenklusen, J Zhang, B Ayala, J Baboud, S Chudamani, J Liu, L Lolla, R Naresh, T Pihl, Q Sun, Y Wan, Y Wu, A Ally, M Balasundaram, S Balu, R Beroukhim, T Bodenheimer, C Buhay, YS Butterfield, R Carlsen, SL Carter, H Chao, E Chuah, A Clarke, KR Covington, M Dahdouli, N Dewal, N Dhalla, HV Doddapaneni, JA Drummond, SB Gabriel, RA Gibbs, R Guin, W Hale, A Hawes, DN Hayes, RA Holt, AP Hoyle, SR Jefferys, SJ Jones, CD Jones, D Kalra, C Kovar, L Lewis, J Li, Y Ma, MA Marra, M Mayo, S Meng, M Meyerson, PA Mieczkowski, RA Moore, D Morton, LE Mose, AJ Mungall, D Muzny, JS Parker, CM Perou, J Roach, JE Schein, SE Schumacher, Y Shi, JV Simons, P Sipahimalani, T Skelly, MG Soloway, C Sougnez, A Tam, D Tan, N Thiessen, U Veluvolu, M Wang, MD Wilkerson, T Wong, J Wu, L Xi, J Zhou, J Bedford, F Chen, Y Fu, M Gerstein, D Haussler, K Kasaian, P Lai, S Ling, A Radenbaugh, D Van Den Berg, JN Weinstein, J Zhu, M Albert, I Alexopoulou, JJ Andersen, JT Auman, J Bartlett, S Bastacky, J Bergsten, ML Blute, L Boice, RJ Bollag, J Boyd, E Castle, YB Chen, JC Cheville, E Curley, B Davies, A DeVolk, R Dhir, L Dike, J Eckman, J Engel, J Harr, R Hrebinko, M Huang, L Huelsenbeck-Dill, M Iacocca, B Jacobs, M Lobis, JK Maranchie, S McMeekin, J Myers, J Nelson, J Parfitt, A Parwani, N Petrelli, B Rabeno, S Roy, AL Salner, J Slaton, M Stanton, RH Thompson, L Thorne, K Tucker, PM Weinberger, C Winemiller, LA Zach, R Zuna (2015). "Comprehensive Molecular Characterization of Papillary Renal-Cell Carcinoma." *N Engl J Med* 374: 135-45.

The 1000 Genomes Project Consortium (2015). "A global reference for human genetic variation." *Nature* 526: 68-74.

PH Sudmant, T Rausch, E Gardner, R Handsaker, A Abyzov, J Huddleston, Y Zhang, K Ye, G Jun, M Fritz, M Konkel, A Malhotra, A Stütz, X Shi, F Paolo Casale, J Chen, F Hormozdiari, G Dayama, K Chen, M Malig, M Chaisson, K Walter, S Meiers, S Kashin, E Garrison, A Auton, H Lam, XJ Mu, C Alkan, D Antaki, T Bae, E Cerveira, P Chines, Z Chong, L Clarke, E Dal, L Ding, S Emery, X Fan, M Gujral, F Kahveci, J Kidd, Y Kong, E Lameijer, S McCarthy, P Flicek, R Gibbs, G Marth, C Mason, A Menelaou, D Muzny, B Nelson, A Noor, N Parrish, M Pendleton, A Quitadamo, B Raeder, E Schadt, M Romanovitch, A Schlattl, R Sebra, A Shabalina, A Untergasser, J Walker, M Wang, F Yu, C Zhang, J Zhang, X Zheng-Bradley, W Zhou, T Zichner, J Sebat, M Batzer, S McCarroll, The 1000 Genomes Project Consortium, R Mills, M Gerstein, A Bashir, O Stegle, S Devine, C Lee, E Eichler, JO Korbel (2015). "An integrated map of structural variation in 2,504 human genomes." *Nature* 526: 75-81.

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-- 1993 --

- Simulation of Water around a Model Protein Helix. 1. Two-dimensional Projections of Solvent Structure. M Gerstein, R Lynden-Bell (1993) *Journal of Physical Chemistry* 97: 2982-2991. Simulation of Water around a Model Protein Helix. 2. The Relative Contributions of Packing, Hydrophobicity, and Hydrogen Bonding. M Gerstein, R Lynden-Bell (1993) *Journal of Physical Chemistry* 97: 2991-2999..
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Notes on Scientific Publications

(As of 1 Dec. 2016)

- a) 511 scientific publications in total.
Not including in press or submitted articles or popular pieces such as Op-Eds.
- b) H-index for M Gerstein is 138
(according to Google Scholar, scholar.google.com/citations?user=YvjuUugAAAAJ)
- c) On Thomson Reuters Highly Cited Researchers (HCR) List in '14, 2015 & 2016
- d) In the publication list, if M Gerstein is not a last or first author, he is not considered to be a "corresponding" or "senior" author except as noted by the asterisks (*) in the list below:

Sudmant... 1000 Genomes Project, Mills*, **Gerstein***, Bashir*, Stegle*, Devine*, Lee*, Eichler*, Korbelt* (2015). *Nature* 492: 438-42

Abyzov... Urban*, **Gerstein***, Vaccarino* (2012) *Nature* 492: 438-42

Gianoulis... **Gerstein***, Strobel* (2012). *PLoS Genet* 8: e1002558.

MacArthur... 1000 Genomes Project... **Gerstein***, Tyler-Smith* (2012). *Science* 335: 823.

Mills... Eichler*, **Gerstein***, Hurles*, Lee*, McCarroll*, Korbelt*, 1000 Genomes Project (2011). *Nature* 470: 59.

Bertone... **Gerstein***, Snyder* (2004). *Science* 306: 2242.

Other Writings & Presentations (as of 8 Jan. 2018)

Opinion Pieces

D Greenbaum & M Gerstein (2008). "Danger: Sharing Gene Data", Hartford Courant, July 10, pg. A11 (Op-ed)

D Greenbaum & M Gerstein (2008). "Personal genomics requires redefining privacy -- The human blueprint: dangerous secrets", SF Chronicle, Nov. 2, Page 2 (Insight)

M Seringhaus & M Gerstein (2009). "Putting too much information online can erode individual privacy", Hartford Courant, June 5 (Op-ed)

D Greenbaum & M Gerstein (2010). "Exploring genetics of professional athletes", SF Chronicle, May 2, Page E-4 (Insight)

D Greenbaum & M Gerstein (2012). "The Age of Genetically Optimized Sports", Wall Street Journal, July 24, Page A13 (Opinion)

D Greenbaum & M Gerstein (2013). "Your DNA vulnerable to snooping, too?", USA Today, July 27 (Opinion)

D Greenbaum & M Gerstein (2013). "Proceed with Caution," The Scientist, Oct 1

D Greenbaum & M Gerstein (2015). "Too big to close down: Websites need regulation like utilities", SF Chronicle, April 24 (Opinion)

D Greenbaum & M Gerstein (2015). "Why can employers fingerprint, but not test workers' DNA?", SF Chronicle, July 10 (Opinion)

D Greenbaum & M Gerstein (2016). "Going beyond geek chic -- CeBIT", SF Chronicle, March 10 (Opinion)

D Greenbaum & M Gerstein (2017). "Pooling data from wearables could boost health benefits", SF Chronicle, Feb. 24 (Opinion)

Recorded Panel Discussions & Interviews

M Gerstein (2008). "A Great Historical Document - The Human Genome", Futures in Biotech 34 (podcast moderated by M Pelletier)

"A Closer Look at Personal Genomic Testing", Inforum Genomics Panel, at the Commonwealth Club of California, including L Avey, D Ballon, D Magnus, M Gerstein, J Rae-Dupree (2009)

"Whose DNA is it?", a panel discussion on Personal Genomics, on the Agenda with Steve Paikin, as part of the Quantum to Cosmos Festival (Q2C) in Waterloo, ON, 21 Oct. 2009

"Genomics, Proteomics, Cellular Immunity, and Anti-Matter", a panel discussion moderated by M Pelletier, including V Racaniello, A Nantel, M Gerstein, and G Farr. Futures in Biotech 71 (22 Nov. 2010)

M Gerstein (2011). "Bioinformatics: Essential Gene names Skewed in a Network of Blame", Futures in Biotech 83 (podcast moderated by M Pelletier)

"6 PhDs Piled High And Deep", a panel discussion moderated by M Pelletier, including G Farr, D Thomas, M Gerstein, S Melov, and J Sanchez. Futures in Biotech 91 (16 Dec. 2011)

M Gerstein (2014). "What in the World", Sirius XM Radio Canada, 60' on 20 Nov. (Interview by Richard Garner)

M Gerstein (2015). "What Now? Going Beyond the \$1,000 Genome", Mendelspod, 17 Sept. (podcast moderated by T Timpson)

Research Support

(adapted from NIH Biosketch version of 12-Nov-2017)

Ongoing Research Support

R01 MH 110926-01 [pec2] - 7/21/2016 to 4/30/2020 – NIH

Integrative Genomic Analysis of Human Brain Development and Autism

Role: Co-I (PI: Sestan). Our role is carry out functional genomics analyses related to Autism.

R01 GM 108663-02 [reinker01] - 2/1/2014 to 1/31/2018 – NIH

Deciphering mechanisms governing functional partitioning of the *C. elegans* genome

Role: Co-I (PI: Reinke) Our role is assisting the PI with bioinformatic analyses related to the worm.

R01 MH 100914-01A1 [sombr] - 1/1/2014 to 12/31/2018 – NIH

Genomic mosaicism in developing human brain

Role: Multi-PI (PIs: Vaccarino, Gerstein) Our role is to analyze somatic variations in the human genome.

U01 MH 103365-01 [psycho] - 6/15/2014 to 5/31/2018 (NCE) – NIH

Gene regulatory elements and transcriptome in iPSCs and embryonic human cortex

Role: Multi-PI (PIs: Vaccarino, Gerstein, Weissman) This application is in response to FOA MH-14-020 ("PsychENCODE"). The aims are to provide a comprehensive catalogue RNAs and their regulatory elements in the cerebral cortex of the developing brain as compared to induced pluripotent stem cells (iPSCs).

U01 HL 126495-01 [exprofile] - 8/1/2014 to 4/30/2019 - U Mass./NIH

Racial and Ethnic Diversity in Human Extracellular RNA

Role: Multi-PI (PIs: Freedman, Gerstein, Mukamal, O'Donnell) The primary goal of this proposal is the generation of exRNA profiles in healthy individuals in two large and well-defined cohorts, the Framingham Heart Study and the Multi-Ethnic Study of Atherosclerosis, to be used as a reference to facilitate disease diagnosis and discovery.

P50 MH 106934-03 [cegsbr] - 9/19/2014 to 5/31/2019 - NIH

Functional Genomics of Human Brain Development

Role: Co-I (PI: Sestan) This grant will apply functional genomics to study human brain development. Our role is to do analyses on these datasets.

R01 HG 008126 [ncvarg] - 7/1/2016 to 6/30/2019 - NIH

Prioritizing rare variants associated with cancer using non-coding annotation

Role: PI. The major goal of this proposal is to develop a system to prioritize non-coding germline variants associated with cancer.

UM1 HG 006504-05 [cmg2] - 1/14/2016 to 11/30/2019 - NIH

Yale Center for Mendelian Genomics

Role: Multi-PI (PIs: Lifton, Gerstein, Gunel, Mane) The majority of genomic variation in Mendelian disorders is due to variation in protein coding regions in the genome. Sequencing of these regions allow for rapid identification of disease causing mutations.

U01 EB 023686-01 [bd2kpr] - 9/23/2016 to 6/30/2019 - NIH

Methods and Software to Enhance Genomic Privacy and Sharing of RNA-Seq Data

Role: PI The major goal is to study genomic privacy with a focus on quantification and management of risks related to releasing RNA-seq datasets.

U43 DA 036134-01 [exrna] - 8/1/2013 to 7/31/2018 - Baylor College of Medicine/NIH

Data Management and Resource Repository for the exRNA Atlas

Role: Multi-PI (PIs: Gerstein, Galas, Milosavljevic) Our role on the project is administering the DIAC (data integration and analysis center) for ex-RNA data.

U24 HG 009446 [4dac] - 12/1/2016 to 11/30/2020 - U Mass./NIH

EDAC: ENCODE Data Analysis Center

Role: Multi-PI (PIs: Weng, Gerstein). Our role is to help administer the ENCODE data analysis center and coordinate annotation on the human genome.

U41 HG 007234-05 [u41pg2] - 6/1/17 to 5/31/21- EBI/NIH

GENCODE: Comprehensive Gene Annotation for Human and Mouse

Role: co-I (PI: Flicek). Our role is do pseudogene annotation for the human and mouse.

DBI 1660648 [bbsrc] - 7/1/2017 to 6/30/2020 - NSF

ABI Innov.: Graph Based Approach for the Genome Wide Prediction of Conditionally Essential Genes

Role: PI

Our role is doing testable predictions of gene function in model organisms.

P30 DA 018343-11A1 [nida2] - 7/1/2015 to 5/31/2020 - NIH

Yale/NIDA Neuroproteomics Research Center

Role: Co-I (PI: Williams) The overall grant is funding for a neuroproteomics center. Our contribution is to develop approaches for comparing protein abundance and mRNA levels.

U41 HG 007497-02 [sv2anal] - 9/20/2013 - 8/31/2017 (NCE) - Jackson Laboratory/NIH

An Integrative Analysis of Structural Variation for the 1000 Genomes Project

Role: Co-I (PI: Lee) Our role on the project is analyzing the 1000 genomes data set to determine structural variation on a large scale.

U41 HG 007355-02 [wormfly] - 9/20/2013 to 7/31/2017 (NCE) – U. Washington/NIH

Creating Comprehensive Maps of Worm and Fly Transcription Factor Binding Sites

Role: Co-I (PI: Waterston) Our role on the project is the determination of binding sites for transcription factors in worm and the fly.

Completed Research Support in the Last Three Years

DE-AC02-98CH10886 - 10/17/11-09/30/16 - Brookhaven National Laboratory - DOE

Kbase: An Integrated Knowledgebase for Predictive Biology and Environmental Research

Role: Co-PI (PI: Maslov) The major goal of this project is to assist in the construction of the DOE Knowledgebase. Our role is to provide support to the plant and microbial subcomponents.

5U01 HG005718-02 - 09/13/10-06/30/14 - NIH

Loss-of-function variants in the 1000 genomes data set and implications to GWAS

Role: Co-I (PI: Zhao). The goals of this project are to survey loss-of-function (LOF) variants in the 1000 genomes data set and make this analysis available to the community as a useful resource.

5R01CA152057-03 - 08/01/11-07/31/15 - Weill Medical College of Cornell - NIH

Comprehensive Prostate Cancer Characterization by Genomic and Transcriptomic Profiling

Role: Co-I (PI: Rubin) The major goal of this project is to identify biomarkers for prostate cancer through analysis of various types of 'omics data.

DE-SC0004856 - 08/15/10-08/14/15 - DOE

Tools and Models for Integrating Multiple Cellular Network

Role: PI The major goals of this project are the development of tools for the analysis of network and pathways in micro-organisms for the Systems Biology Knowledgebase proposed by the DOE.

5U54HG006504-03 - 12/05/11-11/30/15 - NIH

Yale Center for Mendelian Disorders

Role: Multi-PI (PIs: Gerstein, Lifton, Gunel, Mane) The major goal of this project is to develop informatics approaches to characterize rare variants in the framework of the Centers for Mendelian Genomics.

U41 HG007234-02 - 04/01/13-03/31/17 - Wellcome Trust - NIH

GENCODE: Comprehensive gene annotation for human and mouse

Role: Co-I (PI: Harrow) Our role in the project is to identify pseudogenes comprehensively in human and mouse genomes and provide a systematic annotation of them.

U41HG007000-03 - 9/21/2012-7/31/2017 - University of Massachusetts - NIH

EDAC: ENCODE Data Analysis Center (NCE)

Role: Co-I (PI: Weng) The major goal of this project is to perform global and integrative data analysis for the ENCODE project.

5R01DA030976-05 - 9/30/2010-5/31/2017 - University of North Carolina - NIH

Deep sequencing studies for cannabis and stimulant dependence (NCE)

-Role: Co-I (PI: Wilhelmsen) The major goals of this project are to determine structural variants in the genome from deep sequencing studies for cannabis and stimulant dependence.

U41HG007000-03 - 12/1/2016-7/31/2017 (supplement) - University of Massachusetts – NIH

EDAC: ENCODE Data Analysis Center

8/1/2016 - 7/31/2017 - University of Massachusetts

EDAC: ENCODE Data Analysis Center

supplement to

Role: Co-I (PI: Weng)

U41HG007234-03 - 4/1/2013 - 9/30/2017 - Wellcome Trust - NIH

GENCODE: Comprehensive gene annotation for human and mouse

Role: Co-I (PI: Harrow) Our role in the project is to identify pseudogenes comprehensively in human and mouse genomes and provide a systematic annotation of them.

Invited Lectures

(383 from mid-1997 to end 2017, ~19/yr. Document Date: 8 Jan. 2018)

1997 (2nd half) -- 4 lectures

06/18/97	Holderness, NH	Proteins, Gordon Conference
10/14/97	Snowbird, UT	ASM Conference on E Coli and Small Genomes
10/15/97	Salt Lake City, UT	University of Utah (Biochemistry Dept.)
12/11/97	Armonk, NY	IBM Computational Biology Workshop

1998 -- 12 lectures

02/19/98	Tskuba, Japan	5th Intl. Symp. Biosci. & Hum. Tech. (Mol. Rec. Transcrip., Rep. & Transl.)
03/25/98	New York, NY	New York Struc. Biol. Discussion Group
04/23/98	Ames, IA	IG Comp. Bio. Workshop
06/15/98	Traverse City, MI	Rigidity theory and applications
06/26/98	Princeton, NJ	DIMACS Large-Scale Phylogeny Symposium
07/08/98	New York, NY	Mt. Sinai (Physiology & Biophysics Dept.)
09/14/98	York, UK	GPC-V (Genes, Proteins, Computers)
10/05/98	Avalon, NJ	Structure-based Functional Genomics
10/09/98	Koln, Germany	GCB-98 (German Conf. Bioinformatics)
10/21/98	Cambridge, UK	Newton Inst. BFG Prog. (Biomol. Func. & Evol. in context of Genome Proj.)
10/22/98	Hinxton, UK	EMBL-EBI
11/04/98	Coolfont, WV	Coolfont III

1999 -- 15 lectures

01/12/99	Tskuba, Japan	Symposium on Genomics & Protein Struct.
03/06/99	New Brunswick, NJ	PMMB Workshop
03/09/99	Bethesda, MD	NCBI, NIH
04/05/99	Newark, DE	U of Delaware (Chemistry Dept.)
04/21/99	New York, NY	PhRMA Symposium
04/23/99	Rockville, MD	Celera
04/29/99	Toronto, Canada	Biochemistry Dept., U of Toronto (PENCE seminar)
05/13/99	Houston, TX	Microbiology and Mol. Genetics Dept., U of Texas
05/22/99	Washington, DC	Complexity Workshop (ONR/DARPA)
08/18/99	New Haven, CT	Curagen
09/18/99	Oslo, Norway	Future of Bioinformatics
10/15/99	St. Louis, MO	Washington U. (Genome Center)
12/08/99	New Brunswick, NJ	Rutgers U. (CABM)
12/15/99	Cambridge, UK	MRC LMB (Structural Studies)
12/17/99	Cambridge, UK	CCP11 Bioinformatics Software Meeting

2000 -- 20 lectures

01/05/00	Honolulu, Hawaii	Pacific Symposium in Biocomputing
01/17/00	Ventura, CA	Gordon Conference on the Biology of Spirochetes
01/19/00	Princeton, NJ	University Bioinformatics Symposium
02/25/00	Toronto, Canada	U. of Toronto (Biochemistry Dept.)

02/29/00	San Francisco, CA	Implications of the Human Genome Project
03/07/00	Princeton, NJ	Princeton U. (Molecular Biology Dept.)
03/25/00	Washington, DC	DARPA Metabolic Engineering Workshop
04/28/00	Elsinore, Denmark	Bioinformatics 2000
05/04/00	Boston, MA	Harvard Medical School (HST Program)
05/23/00	Stony Brook, NY	Recent Advances in Proteomics
06/19/00	Toronto, Canada	U. of Toronto (Banting Institute)
06/21/00	Ithaca, NY	CHES User Meeting
07/17/00	Saxons River, VT	FASEB Meeting on Biophysics of Cellular Membranes
08/21/00	Washington, DC	ACS Annual Meeting
09/26/00	New York, NY	Rockefeller U.
10/11/00	Munich, Germany	Annual Mtg. German Soc. Biochem. & Mol. Biol.
10/26/00	McLean, VA	2nd Annual CHI Protein Struc. Conf.
10/30/00	Heidelberg, Germany	10th Ann. BITS Conf. (Beyond Transcribed Sequences)
11/08/00	Paris, France	Transcriptome 2000 (at Institute Pasteur)
12/15/00	New Brunswick, NJ	DIMACS Symposium on Informatics of Protein Classification

2001 – 19 lectures

01/22/01	New York, NY	Columbia U. (Biological Sciences)
02/27/01	Santa Barbara, CA	Statistical Physics & Biological Information (at Inst. for Theoretical Physics)
03/01/01	St. Augustine, FL	41st annual Sannibel Symp. (Quantum Theory Project)
04/05/01	Washington, DC	2nd Intl. Struc. Genomics Meeting (highlights session)
04/13/01	Athens, GA	U of Georgia (Chemistry)
04/16/01	Stanford, CA	Stanford U. (Struc. Biol.)
05/02/01	Baltimore, MD	Johns Hopkins (Biophysics & Biochem.)
05/15/01	Philadelphia, PA	IBC Proteomics Meeting
05/21/01	Stockholm, Sweden	Novel Aspects of Structural Biology
06/01/01	Toronto, Canada	44th Ann. Mtg. Canadian Soc. Biochem. & Mol. & Cellular Biology
06/22/01	New Brunswick, NJ	DIMACS Symposium on Database Integration
06/25/01	Holderness, NH	Proteins, Gordon Conference
07/24/01	Beverly, MA	Incyte
07/27/01	New York, NY	Columbia U. (Genome Center)
08/24/01	New York, NY	Columbia U. (Med. Informatics)
10/24/01	Princeton, NJ	Structural Genomics and Bioinformatics in Pharmaceutical Design
11/11/01	Washington, DC	11th Ann. BITS Conf. (Beyond Transcribed Sequences)
11/16/01	Atlanta, GA	3rd Georgia Conference on Bioinformatics
11/20/01	New Brunswick, NJ	Robert Wood Johnson Medical School (Biochemistry)

2002 – 23 lectures

1/7/2002	Santa Fe, NM	Prog. Mathematics & Molecular Biology VII
1/9/2002	Breckenridge, CO	Keystone Symposium on Structural Genomics
2/11/2002	Boston, MA	Harvard U. (Biological Chemistry)
2/20/2002	Boston, MA	Boston U. (Program in Bioinformatics)
2/25/2002	Berkeley, CA	UCB (Grad. Student Bioinformatics Group)
2/26/2002	SF, CA	Biophysical Society (Special Symp. on 40th Anniversary of NIGMS)
3/5/2002	Boston, MA	MIT (Bioinformatics Program)

3/7/2002	Houston, TX	Baylor College (Genetics)
3/8/2002	College Station, TX	Texas A&M (Chemistry)
3/22/2002	Boston, MA	Orfeome 2.0 Conference
4/11/2002	LA, CA	Keck Foundation Symposium
4/25/2002	Salt Lake City, UT	U of Utah (Biology)
4/29/2002	SF, CA	UCSF (Prog. in Quantitative Biology)
6/10/2002	New Brunswick,NJ	NESG Annual Public Symposium
6/17/2002	Plymouth, NH	Cellular and Molecular Mycology, Gordon Conference
7/31/2002	South Hadley, MA	Gordon Conf.: Toward Syn. Evol. & Struc. Genomics & Bioinformatics
8/10/2002	Geneva, Switz.	IUCR Annual Meeting
8/17/2002	San Diego, CA	Protein Society Annual Meeting
8/21/2002	Boston, MA	ACS Annual Meeting
10/21/2002	Washington, DC	Annual BITS Workshop
11/7/2002	Middletown, CT	Wesleyan University (Biochemistry)
11/21/2002	Boston, MA	ACS Dynamic Proteome Meeting
12/5/2002	New York, NY	Bioinformatics & Sys. Biol. (Marcus Evans)

2003 – 19 lectures

1/15/2003	New York, NY	NY Comp. Biol. Soc.
2/5/2003	Durham, NC	Duke (statistics)
2/11/2003	San Diego, CA	SIAM meeting
3/2/2003	San Antonio, TX	Biophysical Society
3/19/2003	Philadelphia, PA	UPenn Bioinformatics Forum
4/7/2003	Washington, DC	NIH Workshop on Macromolecular Complexes
4/9/2003	LA, CA	UCLA (Pharmacology)
4/11/2003	LA, CA	Annual Keck Symposium
4/17/2003	NY, NY	Manhattan College
6/19/2003	Albany, NY	Albany 2003: 13th Conversation
7/10/2003	Washington, DC	NIH Data Management Workshop for Structural Genomics
7/16/2003	Meridan, NH	Enzymes Gordon Conf.
8/1/2003	Upton, NY	Bluegene2003
9/8/2003	Denver, CO	U of Colorado Health Sciences
9/22/2003	Washington, DC	NIH HumanBase Workshop
10/9/2003	Boston, MA	TIGR Computational Genomics Meeting
10/12/2003	Munich, Germany	GCB'03
10/21/2003	Pittsburgh, PA	ACS Regional Meeting
10/30/2003	New Brunswick, NJ	DIMACS Data Mining Workshop

2004 – 21 lectures

1/12/2004	Boston, MA	Northeastern (Biology)
2/9/2004	New York	CUNY (Hunter)
2/16/2004	New York	Columbia (C2B2)
3/8/2004	Philadelphia	SRI Protein Interactions Conference
3/15/2004	Toronto	U of Toronto
4/17/2004	Washington, DC	Experimental Biology 2004 Conference
4/18/2004	Lawrenceville, NJ	American Mathematical Society (Spring Eastern Sect.)

4/30/2004	Cambridge, MA	Whitehead Inst., MIT
5/4/2004	LA, CA	Keck Foundation
5/7/2004	Washington, DC	NIH (Protig series)
5/15/2004	Montreal	CPI-2004
6/11/2004	Harriman, NY	NESG Spring Retreat
6/16/2004	Boston	ASBMB 2004
6/29/2004	Washington, DC	Encode meeting
9/9/2004	Toronto	U of Toronto (Tannenbaum symposium)
9/21/2004	Washington, DC	Mitre
9/27/2004	South Orange, NJ	Seaton Hall U
10/7/2004	Albany	Wadsworth Center/SUNY
10/16/2004	Irvine, CA	Sackler/NAS Colloquium
11/10/2004	Cold Spring Harbor	Encode meeting
11/20/2004	Washington, DC	ISCG2004

2005 – 23 lectures

1/26/2005	New York, NY	NYU (Cell Biology)
2/19/2005	Washington, DC	AAAS Annual Meeting
3/17/2005	Cambridge, MA	MIT (Bioengineering)
3/24/2005	Baltimore, MD	Johns Hopkins (Chemical Eng.)
4/7/2005	Farmington, CT	UConn (Health Ctr., Genetics)
4/24/2005	Seattle, WA	ISB Annual Symp.
4/29/2005	Lowell, MA	UMass Bioinformatics Symp.
5/11/2005	Worcester, MA	UMass Biochemistry Dept.
5/13/2005	New Brunswick, NJ	DIMACS Biomolecular Networks Meeting
5/23/2005	Boston, MA	Harvard (Children's Hospital)
6/7/2005	Tucson, AZ	FASEB Mobile Elements meeting
6/20/2005	Princeton, NJ	NESG Annual Meeting
7/18/2005	Washington, DC	ENCODE Meeting
7/30/2005	Boston, MA	Protein Society
8/16/2005	New Brunswick, NJ	DIMACS Machine Learning Meeting
9/6/2005	Montauk, NY	Bionetworks05
9/28/2005	Princeton, NJ	Princeton U (CS Dept.)
10/7/2005	New York, NY	Loew Meeting
11/3/2005	New Haven, CT	Annual CEGS Symp.
11/4/2005	New Haven, CT	4th Annual Yale Bioinformatics Symp.
11/10/2005	Boston, MA	Computational Genomics 05
11/12/2005	Philadelphia, PA	Renal Week
12/2/2005	Boston, MA	5th Orfeome Meeting

2006 – 19 lectures

1/18/2006	Waltham, MA	Brandeis Biochemistry
1/26/2006	NY, NY	NY Acad. Sci. Comp. Bio. Disc. Group
3/9/2006	Philadelphia, PA	UPenn Symp. on Comp. Biology and Bioinfo.
3/10/2006	NY, NY	DREAM workshop
3/15/2006	Boston, MA	HUPO Meeting
3/16/2006	Coll. Park, MD	U Maryland, CS
4/22/2006	New Haven, CT	Yale Law, A2K Conference
4/26/2006	Seattle, WA	U Washington, Genome Sciences
5/5/2006	Rutgers, NJ	Dimacs Protein Function Workshop
5/12/2006	LA, CA	Keck Futures Symposium
6/9/2006	Boston, MA	Student Bioinformatics Symp. at BU
7/5/2006	Washington, DC	Annual ENCODE Meeting
7/29/2006	Princeton, NJ	Annual Yeast Meeting
9/8/2006	Wave Hill, NY	DREAM workshop
9/18/2006	NY, NY	NYU Biology Dept
10/23/2006	Ottawa, Canada	Ottawa Health Research Institute
11/16/2006	Boston, MA	Orfeome Meeting
12/1/2006	San Diego	Pfizer
12/2/2006	San Diego	Recomb Satellite Conf.

2007 – 19 lectures

2/15/2007	NYC	MSKCC, Comp. Bio.
3/12/2007	Atlanta	ENAR
3/17/2007	CSHL, NY	Plant Genomics
4/22/2007	CSHL, NY	Banbury mtg.
4/30/2007	Montreal	McGill CS
5/2/2007	Providence, RI	Brown, Comp. Bio.
5/24/2007	NYC	NetSci2007
5/31/2007	Boston	Cistrome
6/18/2007	Ottawa, Canada	CPI 2007
7/7/2007	Cambridge, UK	Cyrus Chothia Feistshrift
7/9/2007	Cambridge, UK	EBI
7/24/2007	Boston	Protein Society
8/6/2007	Boston	Engineering Cell Biology
8/10/2007	NYC	DE Shaw Research
9/27/2007	Philadelphia	UPenn, Biochem & Biophys.
10/6/2007	Chicago	MSCBB
10/9/2007	Baltimore	CEGS Ann. Mtg.
10/26/2007	Buffalo	Pittsburgh Diffraction Conf.
11/2/2007	Boston	AACR Conf. - Role of ncRNAs in Cancer

2008 – 19 lectures

1/22/2008	NYC	Dept. of Pharmacology, Mt. Sinai,
2/22/2008	Philadelphia	Center for Bioinformatics, UPenn
3/11/2008	Washington, DC	NSF Workshop on Knowledge Management & Visualization Tools (I), NSF
3/19/2008	Bethesda, MD	US HUPO
3/21/2008	Pittsburgh, PA	Joint CMU-Pitt Ph.D. Program in Computational Biology
4/8/2008	NYC	NSF Workshop on Knowledge Management & Visualization Tools (II)
4/28/2008	Indianapolis, IN	Center for Computational Biology & Bioinformatics, Indiana University
5/5/2008	Harvard, Boston	Quo Vadis Meeting
6/17/2008	Rockville, MD	modENCODE Consortium meeting
6/18/2008	Rockville, MD	Gencode Submeeting, ENCODE Consortium Meeting
7/18/2008	Toronto	ISCB Student Council Symposium, ISMB
7/21/2008	Toronto	Pattern Analysis in the Post-ENCODE Era Special Interest Group, ISMB
7/21/2008	Toronto	Special Session 3, Interaction Networks and disease, ISMB
7/23/2008	Toronto	The Future of Scientific Publishing, ISMB
9/15/2008	Princeton, NJ	Bristol Myers Squibb
10/1/2008	Philadelphia	CHI Biomarker Data Analysis Symposium
10/29/2008	MIT, Boston	RECOMB Satellite Meeting on Regulatory Genomics
11/3/2008	Montreal	Robert Cedergren Colloquium
12/2/2008	Chicago	Biophysics Inst., U Chicago

2009 – 27 lectures

1/20/2009	Hinxton, UK	Gencode Winter Meeting
1/26/2009	NY, NY	Cornell Biophysics and Systems Biology (PBSB) graduate program
2/25/2009	Providence, RI	Rhode Island College, Young Lecture at Biology Dept.
3/16/2009	Toronto, ON	Sarkar Lecture at Sick Kids Hosp., U Toronto
3/27/2009	Washington, DC	ENCODE/modencode Meeting
4/14/2009	NY, NY	National Academy of Engineering, Meeting at Columbia U
4/29/2009	CSHL, NY	Institutional lecture
5/4/2009	CSHL, NY	1000 Genomes Meeting
5/18/2009	Tucson, AZ	Ulam Lecture at Recomb 2009
5/20/2009	Palo Alto, CA	Frontiers Lecture, Stanford U.
5/21/2009	Menlo Park, CA	SRI
5/22/2009	Santa Cruz, CA	UCSC
6/19/2009	Richmond, VA,	Summit on Systems Biology 2009, The Microbial World and Beyond
7/6/2009	Seattle, WA	Worm Transcriptome Project Annual Meeting
8/2/2009	Washington, DC	Joint Statistical Meeting
9/14/2009	Columbus, OH	Network Biology, Mathematical Biosciences Institute
9/25/2009	Stony Brook, NY	Laufer Center Inaugural Symposium, SUNY
9/26/2009	Jiminy Peak, MA	Annual MB&B Retreat
10/5/2009	Chicago, IL	CAMDA (9th Intl. Conf. for Crit. Assessment of Massive Data Analysis)
10/8/2009	Ghent, Belgium	VIB workshop on the future of proteome research
11/2/2009	Bethesda, MD	IEEE Intl. Conf. on Bioinformatics & Biomedicine (BIBM-2009)

11/17/2009	Lloyd Harbor, NY	Banbury meeting on Structural Variation in the Human Genome
11/21/2009	New Haven, CT	Data and Code Sharing in Computational Science Meeting, Yale Law
11/30/2009	Cambridge, UK	Functional Genomics & Systems Biology, Wellcome Trust workshop
12/1/2009	Cambridge, UK	Structural Studies, LMB
12/7/2009	Boston, MA	Modencode Analysis Workshop

2010 – 15 lectures

1/6/2010	CSHL, NY	CSHL Seminar Series,
2/11/2010	Yorktown Heights, NY	IBM Research,
3/8/2010	Washington, DC	mod/ENCODE Annual Meeting
4/9/2010	Providence, RI	Appl. Math Program, Brown,
5/3/2010	Montreal, Canada	IRCM
5/18/2010	Chicago, IL	Inst. for Genomics & Sys. Biology, U Chicago
5/24/2010	Storrs, CT	ISBRA 2010,
6/10/2010	NY, NY	NY Academy Systems Biol. Seminar Series
6/16/2010	Columbus, OH	OCCBIO 2010
7/1/2010	Cambridge, UK	Gencode Annual Meeting
7/2/2010	London, UK	CS Dept., Royal Holloway, U of London
7/13/2010	Boston, MA	ISMB 2010
8/3/2010	Niagara Falls, NY	ACM BCB 2010
9/7/2010	Montauk, NY	Quantitative Biology
10/5/2010	Storrs, CT	Chemical Engineering, UConn

2011 – 19 lectures

2/22/2011	La Jolla, CA	Genome at 10 Meeting, JCVI
2/24/2011	Santa Barbara, CA	Kavali Inst. for Theoretical Physics, UCSB
2/25/2011	LA, CA	Bioinformatics Program, USC
3/31/2011	Boston, MA	SV Analysis Project Meeting, Harvard
5/4/2011	Gaithersburg, MD	NIH Workshop, "Management of Next-Generation Sequence Data"
5/11/2011	CSHL, NY	1000 Genomes Project Meeting
5/22/2011	Rockville, MD	modENCODE AWG workshop
5/25/2011	Washington, DC	mod/ENCODE Project Meeting
6/14/2011	Montreal, Canada	Biology Dept., McGill U
9/12/2011	Troy, NY	RPI-NSF Workshop on Multiscale Modeling of Complex Data
9/26/2011	Washington, DC	NIH workshop on "The Human Proteome"
9/28/2011	Providence, RI	CHI Workshop on Next-Gen Seq. Data Mgt.
10/10/2011	Montreal, Canada	1000 Genomes Project Meeting
10/18/2011	Gainesville, FL	Biology Dept., U. Florida
10/21/2011	Boston, MA	CEGS Grantee Annual Meeting
11/4/2011	CSHL, NY	Genome Informatics
11/11/2011	Barcelona, Spain	X CRG Annual Symposium
11/16/2011	London, UK	Inst. of Sys. & Synthetic Biology - Autumn Symp., Imperial College
11/29/2011	Washington, DC	Bioinformatics Track Seminar Program, Georgetown U.

2011 – 19 lectures

2/27/2011	Washington, DC	DOE Genomes to Life Meeting
1/25/2011	Boston, MA	FGED (Functional genomics data sharing and integration)
2/25/2011	LA, CA	Bioinformatics Program, USC
3/31/2011	Boston, MA	SV Analysis Project Meeting, Harvard
5/4/2011	Gaithersburg, MD	NIH Workshop, "Management of Next-Generation Sequence Data"
5/11/2011	CSHL, NY	1000 Genomes Project Meeting
5/22/2011	Rockville, MD	modENCODE AWG workshop
5/25/2011	Washington, DC	mod/ENCODE Project Meeting
6/14/2011	Montreal, Canada	Biology Dept., McGill U
9/12/2011	Troy, NY	RPI-NSF Workshop on Multiscale Modeling of Complex Data
9/26/2011	Washington, DC	NIH workshop on "The Human Proteome"
9/28/2011	Providence, RI	CHI Workshop on Next-Gen Seq. Data Mgt.
10/10/2011	Montreal, Canada	1000 Genomes Project Meeting
10/18/2011	Gainsville, FL	Biology Dept., U. Florida
10/21/2011	Boston, MA	CEGS Grantee Annual Meeting
11/4/2011	CSHL, NY	Genome Informatics
11/11/2011	Barcelona, Spain	X CRG Annual Symposium
11/16/2011	London, UK	Inst. of Sys. & Synthetic Biology - Autumn Symp., Imperial College
11/29/2011	Washington, DC	Bioinformatics Track Seminar Program, Georgetown U.

2012 – 26 lectures (continued on next page)

1/25/2012	Boston, MA	FGED (Functional genomics data sharing and integration)
2/13/2012	Stanford, CA	Genetics Dept., Stanford
2/16/2012	Berkeley, CA	Statistics & Genomics, Berkeley
2/27/2012	Washington, DC	DOE Genomes to Life Meeting
4/20/2012	College Park, MD	CS/Comp. Bio., U Maryland
4/30/2012	Pittsburgh, PA	CS/Comp. Bio., CMU
5/3/2012	Chicago, IL	DOE kbase Workshop
5/8/2012	Cold Spring Harbor, NY	1000 Genomes Project Meeting
5/10/2012	Cold Spring Harbor, NY	Biology of Genomes Meeting
5/17/2012	Toronto, ONT	CCBR Seminar Series
5/18/2012	Toronto, ONT	OICR Seminar Series
5/22/2012	Boston, MA	ENCODE AWG Workshop
5/24/2012	Newark, Delaware	U Delaware, Bioinformatics Research Symp.
5/29/2012	Boston, MA	Systems Biology, Harvard
5/31/2012	Boston, MA	NIH Target Validation Workshop
6/2/2012	Washington, DC	ModENCODE Symposium, NIH
6/4/2012	LA, CA	Computational Biology Seminar Series, UCLA
8/2/2012	Boston, MA	Next-Gen Sequencing for Drug Development
8/15/2012	Providence, RI	Next-Generation Sequencing Data Analysis meeting

9/12/2012	Boston, MA	HUPO Meeting
9/17/2012	Ithaca, NY	Biostat. & Computational Biology, Cornell
10/4/2012	Baltimore, MD	Center for Computational Genomics, Annual Symp.
10/16/2012	Boston, MA	PQC Talk Series, Biostat. & Computational Biology, Harvard
10/24/2012	Groton, CT	Pfizer Seminar Series
11/9/2012	Chicago, IL	Computation Inst., U Chicago
11/15/2012	Baltimore, MD	Human Systems Biology Symposium

2013 – 21 lectures

2/13/13	New York, NY	Columbia U., Statistics
2/21/13	New York, NY	Rockefeller U, NY Genome Center
2/27/13	New York, NY	Damon Runyon Cancer Research Foundation
3/14/13	Chicago, IL	Univ of Chicago, Institute for Genomics & Systems Biology
3/19/13	Washington DC	Centers for Mendelian Genomics Annual Meeting
3/22/13	New York, NY	NY Bioinformatics Users Group, Simons Foundation
3/28/13	New York, NY	Slone-Kettering, Computational Biology
4/26/13	New York, NY	Weill Cornell Medical College, Dean's Lecture Series
5/7/13	Cold Spring Harbor, NY	1000 Genomes Annual Meeting
5/20/13	Boston, MA	Dana-Farber Cancer Center
5/29/13	Stanford, CA	ENCODE Annual Meeting
6/19/13	Boston, MA	RNA-seq 2013 conference
6/27/13	New York	Cold Spring Harbor, Statistical Methods for Functional Genomics
9/20/13	New York, NY	Opening Event of NY Genome Center
10/1/13	Nashville, TN	14th Annual Vanderbilt Genetics Symposium
10/5/13	Hartford, CT	Clinical Genomics in the 21st Century
10/10/13	Bethesda, MD	NHGRI Sequencing Network Meeting
10/30/13	Durham, NC	Duke University, Physics Dept.
11/2/13	Cold Spring Harbor, NY	Genome Informatics Meeting
11/8/13	Atlanta, GA	9th Georgia Tech & Emory Conf. on Genome Bio. & Bioinformatics
11/20/13	Bethesda, MD	NIH, TCGA Prostate Workshop

2014 – 29 lectures

1/30/14	Farmington, CT	Center for Cell Analysis and Modeling (CCAM), University of Connecticut Health Cen
3/18/14	Cold Spring Harbor, NY	Systems Biology Meeting
3/20/14	New York, NY	NY Genome Center lecture series
3/25/14	SF, CA	Keystone Big Data in Biology Conf.
4/2/14	New Haven, CT	Talk at Yale Inst. for Network Sciences (YINS)
4/30/14	Boston, MA	GET conference panel presentation
5/4/14	Cold Spring Harbor, NY	1000G SV Group Bi-Annual Meeting
5/6/14	Cold Spring Harbor, NY	Talk at 1000 Genomes Project Meeting
5/23/14	Chicago, IL	IEEE International Symposium on Ethics in Engineering, Science, and Technology
6/4/14	Toronto, ON	Epigenetic Mechanisms in Cancer 2014
6/18/14	Uppsala, Sweden	Talk for the Dept. of Cell & Molecular Biology
6/22/14	Cambridge, UK	GenCode Annual Meeting
7/11/14	Boston, MA	AFP SIG at ISMB
7/13/14	Boston, MA	ISMB 14 - Special Session for '13 Nobel
7/29/14	Washington, DC	NHGRI planning workshop: Future Opportunities for Genome Sequencing & Beyond
8/7/14	Easton, MA	Gordon Conference on Human SNPs & Disease
8/26/14	Boston, MA	Epigenomics Boston 2014
9/8/14	Research Triangle Park, NC	SAMSI Bioinformatics Opening Workshop
9/11/14	Woodside, CA	Symposium celebrating Levitt 2013 Nobel
9/12/14	Redwood City, CA	Bina Technologies
9/26/14	New Haven, CT	Yale 2014 Day of Data
10/8/14	Boston, MA	Beyond the Genome 2014: Cancer Genomics
10/18/14	San Diego, CA	Platform talk at ASHG '14
10/19/14	San Diego, CA	Encode Workshop at ASHG '14
10/19/14	San Diego, CA	1000G SV Group Bi-Annual Meeting
11/4/14	Cambridge, MA	PCAWG Workshop at Broad Inst.
11/8/14	Cold Spring Harbor, NY	Biological Data Science
12/3/14	Cold Spring Harbor, NY	Stanley Lecture
12/13/14	Montreal, CA	NIPS Workshop on Machine Learning in Computational Biology

2015 – 16 lectures

10/30/15	Cold Spring Harbor, NY	Genome Informatics '15
10/27/15	Boston, MA	Next-Gen Seq. Congress
10/10/15	Baltimore, MD	ASHG '15
10/6/15	Baltimore, MD	Personalized & Precision Med. (ASHG'15 Satellite)
10/5/15	Baltimore, MD	SV Proj. Meeting (ASHG'15)
7/19/15	Cold Spring Harbor, NY	Evolution of Sequencing Technology
6/25/15	Boston, MA	RNA-seq Boston 2015
6/23/15	Boston, MA	Festival for Genomics
6/10/15	Tel Aviv, IL	TAU, Biochem. Dept.
6/8/15	Rehovot, IL	ISGC 2015
5/4/15	Farmington, CT	SV Proj. Meeting
4/22/15	Boston, MA	BioIT World '15
4/23/15	NY, NY	ICBEM '15
3/30/15	Cleveland, OH	Case Western U, Biostat.
3/15/15	Cold Spring Harbor, NY	ENCODE meeting
3/10/15	Bethesda, MD	NHGRI ENCODE planning workshop

2016 – 24 lectures

2/9/16	Bethesda, MD	Psychencode Consortium Meeting
3/29/16	Baltimore, MD	JHU Systems Biology
4/5/16	Boston, MA	exRNA conference
5/5/16	New Haven, CT	Yale Pulmonary Sect.
5/15/16	Cold Spring Harbor, NY	SV Trio Project Meeting
5/18/16	Washington, DC	NAS meeting on Modelling Science & Technology
5/27/16	Boston, MA	GCT Bio. Conference
6/1/16	Rockville, MD	NHLBI workshop of LncRNAs
6/6/16	NYC, NY	Genetics Dept., Mt. Sinai
6/16/16	La Jolla, SD	ENCODE Annual Meeting
7/7/16	Cambridge, UK	Gencode Meeting
7/13/16	London, UK	CS Dept., Royal Holloway
7/14/16	London, UK	Birkbeck U, Institute for Data Analytics
8/9/16	Princeton, NJ	Bristol Myers Squibb Research Center
9/7/16	Philadelphia, PA	Penn Bioinformatics Forum
9/16/16	Bethesda, MD	PLOS Computational Biology Symposium
9/29/16	Bethesda, MD	NHGRI Computational Genomics & Data Science Workshop
10/4/16	Boston, MA	2nd Annual Next Generation Sequencing Congress
10/14/16	Columbus, OH	Ohio State Biomedical Informatics Seminar Series
10/28/16	Cold Spring Harbor, NY	Biological Data Science Meeting
11/11/16	Chicago, IL	iDASH Privacy & Security workshop
11/14/16	Boston, MA	Siemens Technology and Innovation Council
11/18/16	Charlotte, NC	Biomedical Informatics Dept. , UNCC
12/19/16	Princeton, NJ	NEC Machine Learning Group Seminar Series

2017 – 13 lectures

3/17/17	Houston, TX	Prog. in Struc. & Comp. Bio. & Mol. Biophysics at Baylor
5/10/17	NY, NY	GP-Write
5/24/17	Boston, MA	BioIT '17
7/7/17	Bethesda, MD	PsychENCODE workshop
7/27/17	Boston, MA	AI Pharma Summit
10/10/17	Worcester, MA	UMass Systems Biology
10/14/17	Orlando, FL	iDASH '17
10/17/17	Orlando, FL	HGVS '17
10/18/17	Orlando, FL	ASHG '17
11/4/17	CSHL, NY	Genome Informatics Meeting
11/8/17	Storrs, CT	UConn Inst. for Sys. Genomics 5-yr Anniversary
11/27/17	New Haven, CT	Applied Data Sci. Series
12/12/17	Boston, MA	Dana Farber's Seminars in Oncology