

VITA
Dr. Bernard Domanski / Full Professor with Tenure
Department of Computer Science/The College of Staten Island
The City University of New York

1. Higher Education

A. Degrees

<u>Institution</u>	<u>Dates</u>	<u>Degree & Major</u>	<u>Date Conferred</u>
CUNY Graduate Center	2/74 - 1/80	Ph. D., Computer Science	Jan 80
CUNY / CCNY	2/72 - 1/74	M.S., Computer Science	Jan 74
CUNY / CCNY	2/69 - 1/72	B.S., Computer Science	Jan 72

2. Experience (Other Than CUNY)

<u>Institution</u>	<u>Dates</u>	<u>Teaching Rank</u>	<u>FT/PT</u>
CUNY Graduate Center	9/87-Present	Doctoral Faculty	Part Time
Stevens Institute of Technology	1/85-1/88	Adj Professor/Comp Sci	Part Time
Brookdale Community College	9/80-1/81	Adj Lecturer/Comp Sci	Part Time
Bell Laboratories	9/80-12/86	Adj Professor (In House)	Part Time
CCNY / CUNY	9/74-6/76	Adj Lecturer/ Comp Sci	Part Time

Other Experience

<u>Institution</u>	<u>Dates</u>	<u>Title</u>
Gelb Information Systems	6/01-Present	NYC Board of Education
Computer Associates	9/99 - Present	Technology Consultant
Hudson-Williams, Inc.	11/99 - 2/00	Consultant on Education & Trainin
Responsive Systems Inc.	9/00 - Present	Principle Web Designer
Performance Associates, Inc.	7/00 – 6/03	Software Consultant (Visual Basic
Institute for Computer Capacity Management	3/97 – 3/99	Editor: <i>Capacity Management Review</i>
Information Systems Manager	8/98 - 3/99	Systems & Marketing Consultant
BGS Systems (and BMC Software)	9/95 - 8/98	Advisor to Chief Technical Officer
FEDSIM	1/97 - 8/97	Systems/Modeling Advisor
State of Florida	1/95 - 5/95	Expert Witness
US Dept of Agriculture	8/92 - 2/95	Benchmark Architect
Legent Corporation	12/91 - 8/95	External Advisor to Senior Mgmt
Bell Labs/Bell Communications Research	1/81 - 7/88	Systems Consultant
US Patent & Trademark Office	1989 - 1990	Capacity Planning Consultant
US Department of Justice	1989 - 1990	Capacity Planning Consultant
Planning Research Corporation	1989 - 1991	Consultant
Amdahl Corporation	June 1989	Expert Witness
Federal Bureau of Investigation	1990	Expert Witness / Systems Consultant
Digital Equipment Corporation	1980 - 1986	Periodic Consulting Activities
Bell Laboratories	1976 - 1980	Member of Technical Staff
CUNY Graduate Center	1974 - 1976	Systems Analyst
Sperry Rand	1972 - 1974	Scientific Programmer

3. Academic And Professional Honors

Most recent activities:

- Keynote speaker, United Kingdom Computer Measurement Conference, May, 2004,
- Recipient of a PSC/CUNY grant to explore and analyze the performance impact of Microsoft .NET developed web services. 2003-2004
- Recipient of a PSC/CUNY grant to discover and development prototype software for web server performance statistics. 2002-2003
- Recipient of the College of Staten Island *2000 Dolphin Award* for excellence in teaching by member of the faculty. 2000
- Recipient of a PSC/CUNY grant to explore Distance Learning strategies for teaching advanced Computer Science courses. 2000-2001
- NSF grant with M. Kress and A. Blank to develop materials for a web-based multimedia course in Calculus for the Vision Impaired. 2000
- Received a *President's Award* for innovation in Computer Science by applying Web technologies to enhance the teaching of Computer Science courses. 1999
- Software grant from Microsoft Corporation (\$108,000 with S. Imberman and R. Klibaner) to help provide courseware using Microsoft software products (1996). This grant was renewed for 1997 (additional \$108,000), and again in 1999.
- Recipient of an equipment donation (an HP-9000 computer valued at approximately \$50,000) from the Hewlett-Packard Company, 1995.
- Developed an extensive set of EXCEL macros (in Visual Basic format) for use in analyzing, summarizing, and reporting on computer performance information (BGS Systems), 1996-1997.
- Developed software using Visual Basic for use in a classroom of autistic children as part of a grant from Digital Equipment, 1994.
- NSF grant with Professor Kress, et. al.: *Multimedia Laboratory for Undergraduate Instruction*, awarded in July, 1993 (\$100,000)
- Recipient of the *A. A. Michelson award*, a lifetime achievement award for making fundamental contributions to the field of Computer Performance Measurement and Evaluation (1992).

Other Professional Honors and Activities:

- Program Chair, International Conference of the Computer Measurement Group, Dallas, Tx., December 2003
- *President* of the Computer Measurement Group (CMG is a 25-year old International non-profit professional society consisting of over 2500 worldwide computer professionals responsible for performance evaluation, capacity planning and systems management) for 1996-1997. Currently on the CMG Board of Directors as the Director overseeing the A. A Michelson award process.
- *Editor* of the *Capacity Management Review*, published by the Institute for Computer Capacity Management and Demand Technology; March 1997 through March 1999.
- *Guest Editor* for a Special Issue of the CMG Transactions (Winter 1994), focusing on *Statistics and Modeling Techniques* as they apply to computer performance and capacity management.
- Elected *Director* to the Computer Measurement Group, 1992.
- *Guest Editor* for a Special Issue of the CMG Transactions (Fall 1992), focusing on *Expert Systems and Automated Operations* as they apply to computer performance and capacity management.
- *Conference General Chair*, for the 1993 CMG annual International Conference/ San Diego, CA.

- *University Liaison* (1990-1991), coordinated the annual \$10,000 CMG University Fellowship Program
- Elected *Director* to the Computer Measurement Group, Board of Directors, (2 year term), 1990-1991
- *Best Paper* award given for "*Expert Systems for Computer Performance Evaluation: On Evolution and Data Analysis*", 1989 International Conference of the Computer Measurement Group, Reno, NV, Dec., 1989.
- *Who's Who* in Computer Science, 1990, 1996
- *Dean's Grant* for Faculty Research, January, 1986
- *Equipment grant* from IBM, January, 1985
- *Presidents Grant for Junior Faculty*, College of Staten Island, June, 1982
- *Graduate Assistantship* at City College of New York, February, 1972

4a. Recent Presentations & Publications

2004

- *Web Services and the Mainframe*, zJournal, December 2004 (accepted; to appear)
- *Configuration & Deployment of a Residential Web Server or How I Setup a Fully Functional AND Legal Web Server with No Money with that Old PC I Wasn't Using Anymore!* , International Conference of the Computer Measurement Group, Dec 2004. (accepted; to appear)

2003

- *How To Create A Web Service with Microsoft .NET* - Proceedings, CMG2003 International Conference of the Computer Measurement Group, Dec 2003, Dallas TX.,
- *Performance Considerations for Web Services* - zJournal, Dec. 2003

2002

- *Microsoft Excel Workshop*, International Conference of the Computer Measurement Group, Dec 2002, Anaheim, CA.
- *Performance Management & Capacity Planning Workshop*, International Conference of the Computer Measurement Group, Dec 2002, Anaheim, CA.

2001

- *On a Binary Classification Algorithm That Finds Dependency/Association Rules*, S.Imberman, - The Seventh ACM SIGKDD International Conference on Knowledge Discovery and Data Mining, August 26 - 29, 2001, San Francisco, California.
- *Software That Can Think and Do (.PDF)*, Proceedings, CMG2001, Anaheim, CA., Dec. 2001

1999 – 2000

- *An Introduction to Web Services for Enterprise Computing* - International Conference of the Computer Measurement Group, Dec 2000, , Reno, NV.,
- *Maintaining Sanity in an eBusiness World*, Proceedings, CMG2000, Presented at CMG 2000,

Orlando, FL., Dec. 2000

- ***NT Benchmarking Update***, Journal of Computer Resource Management, Issue 101, Winter 2000, also presented and published in Proceedings for CMG 2000, Orlando, FL., Dec.2000
- ***E-Commerce, E-Business, E-Everything: Applications, Problems and (Hopefully) Solutions for an E-Commerce World***,
 - Enterprise Systems Journal, Vol. 15, No. 10, October 2000, p. 44-51
 - Journal of Computer Resource Management, Issue 99, Summer 2000, p. 75-82.
- ***A Neural Net Primer***, Journal of Computer Resource Management, Issue 100, Fall 2000, p. 63-70
- ***Software That Can Think***, Proceedings of the 26th Annual Meeting of the Computer Measurement Group (CMG), December 2000, Orlando, Florida
- ***Capacity Planning & Performance Evaluation: Where We Were, Where We Are, and Where We're Going*** , Proceedings, CMG99, Reno, NV. Also presented and published at UKCMG2000, York, Great Britain
- ***Visual X++ - An Introduction to Today's Popular Programming Languages*** -An introduction to the key concepts behind:
 - *Visual Basic*
 - *Visual C++*
 - *Java via Visual J++*
 - *Javascript / HTML*
- ***Using Booleanized Data To Discover Better Relationships Between Metrics*** - with Susan Imberman, Robert Orchard, CMG99, Reno, NV., December, 1999
- **Capacity Planning for Distributed Environments**, *Enterprise Systems Journal*, (a 2-part series), January 1999 (part 1), and February 1999 (part 2).

4b. Refereed Publications (Prior to 1999)

A. Journals and Other Refereed/Invited Publications/ Miscellaneous

- **Putting Your PC on a Diet**, *Capacity Management Review*, Vol. 26, No. 2, February 1998, p. 8 (4 pages)
- **Benchmarking Windows NT**, *Capacity Management Review*, Vol. 26, No. 2, January, 1998, p. 1 (15 pages)
- **Modeling Distributed Database Applications**, *Enterprise Systems Journal*, January, 1997 (co-author: Thomas Confrey), p. 30 (11 pages)
- **Dr. Bernie's Digestions and Digressions**, (a semi-regular column), *Capacity Management Review*, 1997: June, July, August, November and December; p. 24 (1-2 pages each)
- **A Look at Capacity Planning for Distributed Environments**, *Capacity Management Review*, Vol. 25, No. 4, April, 1997, pps. 1-21.
- **Videotape: Capacity Planning for Client/Server Environments**, The Computer Channel, Westbury, LI, NY, December, 1996
- **Issues in Planning for Client/Server**, CMG Transactions, Summer, 1996. p. 3-4
- **Clustering: Is It Still The Right Technique For Studying Workloads?**, *Capacity Management Review*, Vol. 24, No. 4, April, 1996, p. 1 (5 pages)
- **Capacity Management for Client/Server Environments**, *Enterprise Systems Journal*, September & October issues, 1995 (a 2 part article), p. 30, (12 pages total-September); p.78, (8 pages total-October)
- **Getting Ready for the MVS 5.1 Workload Manager**, *Enterprise Systems Journal*, July 1995, p. 49 (8 pages).
- **A Roadmap to Client/Server Computing**, *Enterprise Systems Journal*, April, 1994, p.39 (14 pages)
- **The Capacity Planning Disciple's Changing Future**, *Capacity Management Review*, April 1994, vol 22, No. 4, p. 6-10.
- **CICS Transaction Modeling**, *Enterprise Systems Journal*, April, 1993, p. 30 (12 pages)
- **Exploratory Data Analysis of DB2**, *Enterprise Systems Journal*, April, 1992, p.52 (13 pages)
- **Expert Systems for Computer Performance Evaluation: On Evolution and Data Analysis**, *Transactions, CMG Australia*, Winter, 1992, (7 pages)
- **Knowledge Acquisition**, *Software Magazine*, April, 1991, p.36-42.
- **System Performance Management & Capacity Planning**, (a two-part article), *Technical Support Magazine*, January and February, 1990, pps. 43 (7 pages-January); p.50 (5 pages-February).
- **A PROLOG-based Expert System for Tuning MVS/XA**, *Expert Systems Journal*, Auerbach Publications, Spring, 1990, p 23-31.
- **Expert Systems for Computer Performance Evaluation: On Evolution and Data Analysis**, *Mainframe Journal*, December, 1989, pps. 20 - 23.
- **An Expert Systems Tutorial for Computer Performance Evaluation**, (invited paper), *Technical Support magazine*, April, 1989, p 41 (11 pages)
- **A PC-based Expert System for Tuning MVS/XA**, *ACM Sigmetrics*, February, 1989, p.3-16.
- **Expert Systems for Computer Performance Evaluation: On MetaRules and Knowledge Engineering**, *Mainframe Journal*, May, 1989, p.31 (6 pages)

- **A PROLOG-based Expert System for Tuning MVS Systems**, Mainframe Journal, July-August issue, Dallas, TX., p. 52 - 62.
- **The Complexity of the Word Problem for Groups of Dehn's Algorithm**, Journal of Algorithms, Harcourt Brace & Jovanovich, December, 1985, p. 543-549, (with M. Anshel).
- **Building IMS Synthetic Workloads**, ACM SIGMETRICS, Performance Evaluation Review, Volumes 13, No. 3 & 4, November, 1985, p. 23-30.
- **Load Drivers & Benchmarking of Large Systems**, Journal of Capacity Management, Institute for Software Engineering, April, 1984, p. 48-58.
- **Load Driving a System**, Journal of Computer Performance, Volume 3, Number 4, IPC Science and Technology Press Limited, December, 1982, p. 195-199.
- **The Complexity of Two Decision Problems for Free Groups**, Houston Journal of Mathematics, Volume 8, Number 1, January, 1982, p. 29-38.
- **Tuning an IMS Online System**, Journal of Computer Performance, Volume 2, Number 3, IPC Science and Technology Press Limited, September, 1981, pps. 145-150.

B. Papers Published in Refereed Proceedings

- **Capacity Planning and Performance Evaluation: Where We Were, Where We Are, and Where We're Going**, Proceedings, CMG99/Reno NV, December 1999.
- **Using Booleanized Data to Discover Better Relationships Between Metrics** (with Susan Imberman and Robert Orchard), Proceedings, CMG99/Reno NV, December 1999.
- **NT Benchmarking**, Proceedings of CMG98, December 1998.
- **Capacity Planning in Distributed Environments**, Proceedings of CMG97, December, 1997, p. 25-33.
- **Sizing the Server(s) but Not Knowing Enough**, Proceedings of CMG97, December 1997, p. 445-459.
- **Discovering Relationships Between Metrics**,
 - UKCMG97 Conference Proceedings, Torquay, England, June, 1997, p. 69-73
 - CMG96 Proceedings, December, 1996, p.309-313.
- **Modeling Client/Server Environments**, CMG95 Proceedings, Dec. 95, p. 614-625.
- **Capacity Management for Client/Server Environments**, CMG94 Proceedings, Dec. 94, p. 136-144.
- **Getting Ready for the MVS 5.1 Workload Manager**, CMG94 Proceedings, Dec. 1994, p.126-132.
- **A Roadmap to Client/Server Computing**, CMG 93 Proceedings, December, 1993, p. 100-108
- **The Capacity Management's Disciplines' Changing Future**, UKCMG 93 Proceedings, ICCM Monthly Review, March 1994, p. 11-16.
- **Tactical Equipment Management**, CMG 92, Reno, NV. pps. 839-941, Dec., 1992, p. 140-148.
- **CICS Transaction Modeling**, CMG 92, Reno, NV., pps. 105-115, Dec., 1992, p. 662-672.
- **Strategies for Hardware Acquisition**, Proceedings, CMG 91, Nashville, TN., pps. 833-842.
- **Exploratory Data Analysis of DB2**, Proceedings, CMG 91, Nashville, TN., pps. 685-694.
- **Knowledge Acquisition**, Proceedings, UK CMG 91, Birmingham, England, pps. 230-238.
- **Exploring Expert Systems**, Proceedings, CMGA 91, Perth, Australia
- **Knowledge Acquisition**, CMG 90, Proceedings, December, 1990, Orlando, FL. p. 406-414
- **Exploring Expert Systems**, CMG 90, Proceedings, December, 1990, Orlando, FL., p. 1144-1154
- **Expert Systems for Computer Performance Evaluation: On Evolution and Data Analysis**,
 1. UKCMG 90, Proceedings, Glasgow, Scotland, May, 1990, pps. 21-27.
 2. CMG 90 CANADA, Proceedings, June, 1990, Toronto, Ontario, pps. 27-33.

- **An Expert Systems Tutorial for Computer Performance Evaluation**, NaSTEC 2.0, Proceedings, April, 1990, p. 18-20.
- **Expert Systems for Computer Performance Evaluation: On Evolution and Data Analysis**, CMG 89, Proceedings, December, 1989, Reno, Nevada - (***** BEST PAPER AWARD *****) , p. 93-103
- **A Comprehensive Look at Applying Expert Systems to Tuning Computer Systems**, United Kingdom Computer Measurement Group (UKCMG) 89 Conference, Proceedings, Glasgow, Scotland, May 31-June 2, 1989.
- **System Performance Management & Capacity Planning**, CMG 89, Proceedings, December, 1989, Reno, NV, p. 1227-1237
- **A Look at Computer Viruses**, CMG Bulletin (premier issue), January 1988. (Entire issue)
- **A PROLOG-based Expert System for Tuning MVS Systems**, SHARE 71 Conference, August 14-19, 1989, Proceedings, New York City.
- **System Performance Management & Capacity Planning**, CMG 88, Proceedings, Dallas, TX., p. 846-853.
- **An Expert Systems Tutorial for Computer Performance Evaluation**, CMG 88, Proceedings, Dallas, TX., p.746-771.
- **On MetaRules and Knowledge Engineering** (with S. Soberman), CMG 88, Proceedings, p. 249-254, (nominated for Best Technical Paper).
- **IMS Workload Characterization: What Comes After Clustering?**, CMG Fall 87 Transactions (INVITED PAPER), Vienna, VA., p. 95-101
- **A PROLOG Based Expert System for Tuning MVS/XA**, CMG 87, Proceedings, Orlando, Florida, p. 160-166
- **IBM 3090 Expanded Storage Experiments**, CMG 87, Proceedings, Orlando, Florida, p. 266-271 (with J. Pilch)
- **System Performance Management & Capacity Planning**, CMG 87, Proceedings, Orlando, Florida, p. 725-732 (with J. Pilch)
- **Integration of the System Life Cycle Model**, European Computer Measurement Association (INVITED PAPER), Proceedings, Brussels, October, 1986, p. 393-396.
- **Building IMS Synthetic Workloads**, European Computer Measurement Association (INVITED PAPER), Proceedings, Brussels, October, 1986, p. 122-128.
- **The Same is the Same? or How to Compare for Equality in Computer Performance Evaluation**, CMG 86, Proceedings, Las Vegas, NV, December, 1986, p. 356-357, (with J. Pilch).
- **System Performance Management & Capacity Planning**, CMG 86, Proceedings, Las Vegas, NV, December, 1986, p. 657-664, (with J. Pilch).
- **Computer Performance Evaluation & Capacity Planning**, CMG 85 Conference Proceedings, Dallas, TX., December, 1985, p. 634-640.
- **IMS Workload Characterization: What Comes After Clustering**, CMG 85 Conference Proceedings, Dallas, TX., December, 1985, p. 241-244.
- **The Role of Personal Computers in a Large System Benchmark**, CMG 85 Conference Proceedings, Dallas, TX., December, 1985, p. 525-529.
- **System Performance Management & Capacity Planning**, CMG XV Conference Proceedings, San Francisco, CA. , December, 1984, p. 817-823.
- **Comparing IMS Measurement Packages**, CMG XV Conference Proceedings, San Francisco, CA., December, 1984, p. 290-300.
- **Methodologies Behind Measurement Techniques**, 28th Annual Meeting of the Society for General Systems Research, Proceedings, New York, May, 1984, p. 164-170.

- **System Performance Evaluation & Capacity Planning**, CMG XIV Conference Proceedings, Washington, D.C., December, 1983, p. 307-313.
- **The Evolving Need for Workload Modelling: A Finite State Approach**, Proceedings of the 26th Annual Meeting of the Society for General Systems Research with the American Association for the Advancement of Science, Washington, D.C., January 1982 (co-author: T. Potter), p. 330-337.
- **The Need for Workload Modelling**, IEEE 5th International COMPSAC (Computer Software Applications) Conference, Chicago, Ill., November, 1981, (co-author: T. Potter, Digital Equipment Corp.), p. 140-148.
- **IMSMON - A Low Overhead Monitor for IMS Systems**,
 1. Computer Measurement Group (CMG) International Conference on Computer Measurement and Evaluation, CMG IX Conference Proceedings), L.S. Wright and J.P. Buzen, Editors, San Francisco, Ca. December, 1978, p. 115-124.
 2. same paper (INVITED) GUIDE 48 Conference Proceedings, Philadelphia, Pa. May, 1979.

C. Other Publications / Technical Reports

- **Visual X++: Exploring New Programming Languages** - a half-day hands on workshop introducing the basics behind the Microsoft language development environment encompassing Visual C++, Visual Basic, Visual J++ (Java), and a bit of JavaScript. Presented at CMG99/Reno, December, 1999.
- FEDSIM (*Federal Systems Integration And Management Center*) - working with DFAS - the Dept of Defense Financial Accounting System - to plan for a massive expansion of their computing power onto distributed platforms. The objective was to assess the performance impact of different possible hardware configurations.
- Federal Communications Commission and Advanced Modular Systems; participating on a team representing 6 different companies including IBM, Sun, and Sarnoff Research Laboratories in the design of a High Definition Digital television studio prototype. Responsibilities include the development of a simulation model for the various digital technologies to be deployed.
- BGS Systems; development of prototype multimedia software demonstrations; exploration of the effectiveness of audio and video methods in training, support and software marketing.
- State of Florida, Attorney General's office; acted as an Expert Witness in the area of Capacity Planning and Performance in litigation between the state and EDS, a large software company who built a state welfare system that was sized incorrectly.
- United States Department of Agriculture; an ongoing study to determine the current required quantity of large computing equipment, in addition to building a scalable benchmark test so that future capacity requirements can easily be determined.
- US Department of Justice / Federal Bureau of Investigation, a series of large computer processor evaluation reports done with the approval of the National Bureau of Standards. *These reports now serve as a standard set of guidelines for Federal agencies to follow when embarking on the procurement process for large, commercial IBM-type mainframes.*
- *Exploring Expert Systems: Signs of Intelligent Life in the Universe*, (Invited Paper -Viewgraphs were published), Proceedings, Tutorial Week, Institute for Information Management, Chicago, Il., Sept. 1988, (approximately 50 viewgraphs)
- *Benchmarking: Soup to Nuts*, (Invited Paper - Viewgraphs were published), Proceedings, Tutorial Week, Institute for Information Management, San Francisco, CA., Sept. 1987, (approximately 50 viewgraphs)
- *Building IMS Synthetic Workloads* (abstract only), SIAM 1986 National Meeting, Proceedings, Boston, MA, July, 1986.

- *Technical Reports (Summers: 1986-1987)* - Bell Communications Research, Piscataway, New Jersey. Five (5) Technical Memoranda were written, each refereed by at least 3 individuals, and published for distribution within the Bell System. These papers are of a proprietary nature that discussed various model building and benchmarking studies of different Bell applications, which inhibits their explicit description here.

5. Other Professional Activities

- Member: Computer Measurement Group (CMG); 1978-present.
- Numerous presentations at conferences of papers submitted and published

6. Record of Service

- Presidents' Technology Subcommittee on Distance Learning, April 1998 - Present, chaired by Professor Irving Robbins..
- Designed and currently administer the first *web server* for Computer Science faculty/departmental use. (<http://domanski.cs.csi.cuny.edu>). This server has hosted a list server, an FTP server, and a WWW server. Extensive use of Microsoft FrontPage facilities were used for the initial design of the different websites on this machine to demonstrate the initial prototype, and it additionally contains many enhancements written in HTML and Javascript.
- CUNY workshops on Performance Evaluation & Capacity Planning, 1994-1995.
- Introduced Windows[®], C/C++, Java, JavaScript, Visual Basic and UNIX[®] to the graduate and undergraduate computer science programs, as well as Object-oriented design and programming with C++.
- Department Appointments committee 1983 - 1989, 1990 – 1996, 1998-present.
- Department Curriculum committee 1983 – 1989, 1998-present
- Department Graduate Program committee 1985 – 1996.
- Acting Department Chair, Computer Science Department, January 1985 - August 1986.
- PSC/CUNY Grant Program/Computer Science section (referee). (1987-present)
- Developed all the PL/I student development software used in the College's PC Laboratories for the CSc120 & CSc126 courses when microcomputers were first acquired by CSI (1985).
- First to introduce and develop many of the Computer Science department's graduate courses (*Operating Systems, Database Management Systems, Algorithms, Advanced Systems Programming, Formal Languages*).
- Several recruiting assignments (Kingsboro).
- Course and Standing Committee (1981-1982).

7. Record At CUNY

<u>Institution</u>	<u>Dates</u>	<u>Rank</u>	<u>Department</u>
College of Staten Island	1/99-present	Professor	Computer Science
College of Staten Island	1/83-12/98	Assoc. Prof.	Computer Science
College of Staten Island	9/80-12/82	Asst. Prof.	Math/Computer Science
CUNY Graduate Center	9/87-6/96	Member of	Computer Science Pgm
	9/98-Present	Doctoral Faculty	
College of Staten Island	979-6/80	Adj Lecturer.	Math/Computer Science
CUNY Graduate Center	2/74-6/76	Systems Analyst	Computer Center Programmer
City College of New York	9/74-6/76	Adj. Lect.	Computer Science

Other

- Sabbatical leave: Sept, 1986 - Aug, 1987
- Sabbatical leave: Sept, 1996 - Aug, 1997
- Unpaid Leave of Absence: Fall 1989

Courses Taught at the College

Undergraduate:

CSc 102	DBase, Word Perfect, 1-2-3
CSc 126	Introduction to Computer Science
CSc 220	Assembly Language (IBM S/370)
CSc 228	Finite Math with CSc applications
CSc 326	Data Structures (in PL/1, PASCAL, C, and Visual C++)
CSc 330	Object Oriented Programming (using Visual C++)
CSc 332	Operating Systems
CSc 340	Computer Organization
CSc 346	Switching & Automata Theory
CSc 382	Algorithms
CSc 420	Programming Languages (Java and JavaScript)
CSc 430	Software Engineering (using Visual Basic and Java)
CSc 490	Senior Seminar

Graduate:

CSc 718	Operating Systems
CSc 715	Database Mgt Systems (with / Microsoft Access)
CSc 713	Advanced Systems Programming (MS Windows / UNIX)
CSc 722	Computability
CSc 744	Computer Performance Evaluation
CSc 727	Algorithms

References:

- Dr. Jeffrey Buzen, former Chief Scientist, BMC Software, Waltham, MA.
- Professor Emile Chi, College of Staten Island, Staten Island, NY

Last updated by DrB on Friday, October 29, 2004