

PATRICIA ANANIA FIROUZAN, MSIS, RHIA

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I. EDUCATION

- September 1989 - April 1993 Took classes in Ph.D. program in Management Information Systems, Joseph M. Katz Graduate School of Business, University of Pittsburgh, Pittsburgh, PA
- December 1988 Masters of Science, Information Science, School of Library and Information Science, University of Pittsburgh, Pittsburgh, PA
- April 1980 Bachelor of Science, Health Records Administration, School of Health Related Professions, University of Pittsburgh, Pittsburgh, PA  
Magna Cum Laude Graduate
- October 1980 Registered Record Administrator (RRA), American Medical Record Association

II. TEACHING EXPERIENCE

- September 2007 – present **Assistant Professor & Clinical Education Coordinator**, Department of Health Information Management, School of Health & Rehabilitation Sciences, University of Pittsburgh, Pittsburgh, PA

Coordinate Clinical Education for CE 1, 2, 3 & 4, plan, prepare and instruct Health Information Management courses, advise Health Information Management students in both the undergraduate and graduate programs.

Courses Instruct:

- HIM-1405 Intro to Medical Terminology  
HIM-1415 Intro to Health Information and the Health Care System  
HIM-1416 Intro to Health Information and the Health Care

System Lab 1  
HIM-1435 Classification Systems  
HIM-1436 Classification Systems Lab 2  
HIM 1465 Reimbursement Seminar

September 1990 -  
August 2007

**Assistant Professor**, Department of Health Information Management,  
School of Health & Rehabilitation Sciences, University of Pittsburgh,  
Pittsburgh, PA

Responsibilities:

Plan, prepare and instruct Health Information Management courses and courses in the graduate Health Information Systems program (see attached for course descriptions); developed/managed HIM microcomputer lab; advise health information management students and graduate students; participate in research and scholarly activities; serve on department, school and university-wide committees; participate in recruitment activities; responsible for alumni tracking and associated activities.

Courses Instructed:

Undergraduate:

HIM-1405 Intro to Medical Terminology  
HIM-1406 Data Base Theory/PC Tools (formerly PC/Software Tools Lab)  
HIM-1407 Data Base Theory/PC Tools Lab  
HIM-1415 Intro to Health Information and the Health Care System  
HIM-1416 Intro to Health Information and the Health Care System Lab 1  
HIM-1435 Classification Systems  
HIM-1436 Classification Systems Lab 2  
HIM 1465 Reimbursement Seminar  
HIM-1490 Electronic Health Records (Comparative Health Information Systems)

Graduate:

HRS-2423 Information Technology in the Health Professions

September 1986 -  
August 1990

**Instructor**, Department of Health Records Administration, School of Health Related Professions, University of Pittsburgh, Pittsburgh, PA

Responsibilities:

Plan, prepare and instruct Health Record courses (see attached for course descriptions); developed/managed HRA microcomputer lab; advise health record administration students and graduate students; participate in research and scholarly activities; serve on department, school and university-wide committees; participate in recruitment activities; responsible for alumni tracking and associated activities.

Courses Instructed:

HRA-1405 Intro to Medical Terminology  
HRA-1406 Medical Terminology Transcription Lab  
HRA-1435 Classification Systems  
HRA-1490 Comparative Health Information Systems

Also assist with computerized functions of following courses:

HRA-1416 Health Records Laboratory  
HRA-1436 Classification Systems Laboratory  
HRA-1438 Tumor Registry Laboratory

III. CONSULTING

November 2015	Local Coverage Determinations for Wheelchair Seating, ICD-9-CM to ICD-10-CM Mappings
August 2012 - October 2012	ICD-10-CM/PCS Conversion Work Groups for the AHRQ Quality Indicators™ program
1995	ICD-9-CM Coding Consultant, CIRCL, University of Pittsburgh
January 1990 - July 1990	Coding Consultant, Medical Records Department, Braddock General Hospital, Pittsburgh, PA
June 1983 - June 1990	Consultant, Medical Records Department, Canterbury Place Nursing Home, Pittsburgh, PA
September - December 1988	DRG Consultant, PAR Services, Equicor-Equitable HCA Corporation, Pittsburgh, PA
February 1988	ICD-8-A Coding Consultant, National Surgical Adjuvant Project for Breast and Bowel Cancers (NSABP), University of Pittsburgh, Pittsburgh, PA

- September 1987 CPT-4 Coding Consultant, West Virginia Medical Record Association, Charleston, WV
- May-June 1987 CPT-4 Coding Consultant, Blue Cross of Western Pennsylvania, Pittsburgh, PA
- April 1987 ICD-9-CM Coding Consultant, Blue Cross of Western Pennsylvania, Pittsburgh, PA

IV. MEDICAL RECORD EXPERIENCE

- May 1983 - August 1986 Senior Customer Service Representative, Hospital Utilization Project (HUP), Pittsburgh, PA

Responsibilities:

Consultant and member of Customer Service Department; trained clients on use of PC-based software (country-wide); conducted ICD-9-CM coding workshops (country-wide); conducted DRG/PPS workshops (country-wide).

- May 1980 - April 1983 Assistant Director, Medical Records Department, Allegheny General Hospital, Pittsburgh, PA

Responsibilities:

Supervised all functions of the department, including the file area, ICD-9-CM coding and processing, correspondence, and transcription. Also involved with implementation of hospital-wide information system (SIS).

- May 1978 - April 1980 ICD-9-CM Coder and File Clerk, Medical Records Department, Allegheny General Hospital, Pittsburgh, PA

V. SCHOLARLY ACTIVITIES

A. Honors/Awards

- July 1995 Received SHRS Development Fund Grant for presentation entitled, "Medical Transcriptionists and Cumulative Trauma Disorders, \$385.

- January 1995            Received University of Pittsburgh Free Pittnet Port Award, \$600.
- July 1989                Received Chancellor's Undergraduate Teaching Fellowship for sponsoring an HRA student to work on developing a Medical Transcription/Network handbook.
- June 1980                Received the Western Pennsylvania Medical Record Association Award for a research project, which evaluated utilization of Tumor Registry data.

B.    Publications

DeAlmeida, Dilhari; Watzlaf, Valerie, Anania-Firouzan, Patricia, Salguero, Otto, Rubinstein, Elaine, Abdelhak, Mervat, Parmanto, Bambang “Evaluation of Inpatient Clinical Documentation Readiness for ICD-10-CM,” Perspectives in Health Information Management (Winter 2014): 1-16.

Watzlaf, Valerie, Moeini, Sohrab, Matusow, Laura, Firouzan, Patti, “VOIP for Telerehabilitation: A Risk Analysis for Privacy, Security, and HIPAA Compliance, Part II,” International Journal of Telerehabilitation, Volume 3, No 1, Spring, 2011

Watzlaf, Valerie, Moeini, Sohrab, Firouzan, Patti, “VOIP for Telerehabilitation: A Risk Analysis for Privacy, Security, and HIPAA Compliance,” International Journal of Telerehabilitation, Vol 2, No 2, Fall 2010

Watzlaf, Valerie, Garvin, Jennifer Hornung, Moeini, Sohrab, Firouzan, Patti, “The Effectiveness of ICD-10-CM in Capturing Public Health Diseases,” Perspectives in Health Information Management, Volume four, Issue six, [www.ahima.org/perspectives](http://www.ahima.org/perspectives), June 12, 2007.

Watzlaf, Valerie M., Zeng, Xiaoming., Jarmowycz, Christine., Firouzan, Patti. “Standards for the Content of the Electronic Health Record,” Perspectives in Health Information Management, Volume one, Issue one, [www.ahima.org/perspectives](http://www.ahima.org/perspectives), Winter, 2004

Firouzan, Patricia Anania and McKennon, James. “HIPAA Privacy Implementation Issues in Pennsylvania Healthcare Facilities,” Perspectives in Health Information Management, Volume two, Issue one, [www.ahima.org/perspectives](http://www.ahima.org/perspectives), Spring 2004

Firouzan, Patricia Anania and Beldin, Jennifer. “An Investigation into HIM Program Prerequisites – Computer versus Science Courses,” Educational Perspectives in

Health Information Management, Winter 2001-2002, 4(2), 43-50.

Firouzan, Patricia Anania and Roscoe, Anthony. "Moving Toward an Online Curriculum: Lessons Learned Along the Way," Educational Perspectives in Health Information Management, Winter 1999, 2(2), 3-9.

Watzlaf, Valerie; Rudman, William; Abdelhak, Mervat; Anania-Firouzan, Patricia, and Rubinstein, Elaine. "Regional Analysis of Functions and Demographics for Health Information," Journal of the American Health Information Management Association, January 1997, 68(1), 51-56.

Anania Firouzan, Patricia and Coburn, Kimberly. "Research Review: Survey of Automation in Health Information Management Departments," Topics in Health Information Management, August 1996, 17(1), 52-60

Rudman, William; Watzlaf, Valerie; Abdelhak, Mervat; Anania Firouzan, Patti; and Borges, Ellen. "Career Paths, Mobility, and Advancement for Health Information Managers," Journal of the American Health Information Management Association, July-August 1996, 67,(7), 67-71.

Anania-Firouzan, Patti and Watzlaf, Valerie. "DRG Optimization," Three Rivers American Guild of Patient Account Managers Newsletter, Summer 1996, 15-16.

Furfaro, Carmen; Muchoney, Kristen and Anania-Firouzan, Patti. "CPR by the Year 2000, A Myth?" Healthcare Informatics, May 1996, 13(5), 45-47

Anania Firouzan, Patti and Beck, Catherine. "Medical Transcriptionists & Cumulative Trauma Disorders," Proceedings of the Human Resource Management Group, The Association of Management 13th Annual International Conference, August 1995, 13(2): 131-143.

Anania Firouzan, Patti. "Can Clerks Using Coding Systems Code as Accurately as Trained Medical Record Specialists?" Journal of the American Health Information Management Association, May 1995, 66 (5), 65-67.

Rudman, William, Polenik, Donna and Anania Firouzan Patricia, "Tips on Implementing the CPR Using Reengineering Management," Clinical Data Management, forthcoming November 1994, 1(8), 4-5.

Anania Firouzan, Patricia and Ullman, Lynn, "Setting Outpatient Coding Incentives," Journal of Health Information Management Research, Spring/Summer 1993, 2(1), 43-59.

Abdelhak, Mervat, Anania Firouzan, Patricia, and Ullman, Lynn, "Hospital

Information Systems Applications and Potential: A Literature Review Revisited 1982 - 1992," Topics in Health Information Management, May 1993, 13(4), 1-14.

Anania, Patricia L., "Computers and Medical Record Administration Education - The Vital Link," Technological Horizons in Education Journal, November 1989, 73- 76.

Anania, Patricia L., "Issues of Confidentiality and the AIDS Patient," Journal of the American Medical Record Association, June 1989, 31-34.

C. Research Projects

October 2009 to June 2012      Contributing Member of CPath Grant, NSF Grant to facilitate "Computational Thinking in HIS Students," Department of HIM, University of Pittsburgh

September 2008 to April 2009      Developed Coding System for DOD Injury Prevention Project, Department of Sports Medicine, University of Pittsburgh, \$40,000

May 2001      Co-principal Investigator for "IT Work Force Development I-Grad Grant," PA Department of Education, \$237,000

January 2001 to June 2002      Co-principal Investigator for "Standards for the Content of Electronic Health Records," AHIMA Grant-in-Aid Research Priority, \$9,277

February 1995      Co-principal Investigator for "Roles and Functions" grant, American Health Information Management Association.

November 1994      Co-principal Investigator for Advanced Instructional Technology Grant, University of Pittsburgh, not funded

March 1994      Computing Infrastructure Grant, University of Pittsburgh

May 1993      Participated in development of research proposal entitled, "University of Pittsburgh Rehabilitation Research and Training Center on Information Management and Transfer," submitted to NIDRR; not funded.

July 1991      Co-principal Investigator for Research entitled, "Outpatient Coding Evaluation for Blue Cross of Western Pennsylvania - Year Three".

July 1990      Co-principal Investigator for Research entitled, "Outpatient Coding Evaluation for Blue Cross of Western Pennsylvania -

Year Two”.

- May 1990 Principal Investigator for Research entitled, “Can Clerks Using Encoding Systems Code as Accurately as Trained Medical Record Specialists?”
- August 1989 Co-Principal Investigator for Research entitled, “Outpatient Coding Evaluation for Blue Cross of Western Pennsylvania - Year One”.
- July 1989 Received award from SHRP Research Development Fund for proposal, “Analysis of ICD-9-CM Coding - Manual Versus Automated Methods”.
- May 1988 Principal Investigator for Research project entitled, “ICD-9-CM Coding of Medical Record Information - Manual Versus Automated Methods”
- November 1987 Office of Faculty Development Grant for teaching improvement project entitled, “Medical Records Management Systems”
- October 1986 Office of Faculty Development Grant for teaching improvement project entitled “Encoder Plus Software”

D. Lecture/Seminars Presented

- July 13 – 15, 2015 Instructor for PHIMA ICD-10 Code Camp, Pittsburgh, PA
- September 19, 2012 “Preparing for ICD-10-CM in the Cancer Registry” for the Pennsylvania Cancer Registrar’s Association Annual Meeting
- May 29, 2008 “Patient Safety & Confidentiality Issues: The VistA System’s Contributions,” for the WorldVistA Education Seminar
- March 7, 2007 “HIPAA Privacy Update,” for the WorldVistA Education Conference and Seminar
- July 23, 1996 “Funding Health Care,” for the 1996 Pennsylvania Governor’s School for Health Care.
- November 16, 1994 “Update on New ICD-9-CM Codes,” presented to Management Professionals in Health Care (MPHC), Pittsburgh, PA.



September 21, 1994 “E Codes; The Missing Link for Injury Prevention,” sponsored by PA Department of Health, CIRCL, University of Pittsburgh, HAP, PHC4, Harrisburg, PA

September 14, 1994 “E Codes; The Missing Link for Injury Prevention,” Sponsored by PA Department of Health, CIRCL, University of Pittsburgh, HAP, PHC4, Pittsburgh, PA

June 23, 1994 “Review of Coding Clinic - 1st and 2nd Quarter 1994,” VA Medical Center, Pittsburgh, PA

March 10, 1994 “Review of Coding Clinic - 4th Quarter 1993 and 1993 Volume 10, No. 5,” VA Medical Center, Pittsburgh, PA

December 8, 1993 “Review of Coding Clinic - 2nd Quarter 1993, 3rd Quarter 1993, and New ICD-9-CM Codes,” VA Medical Center, Pittsburgh, PA

October 27, 1993 “Intro to ICD-9-CM Coding Seminar,” South Hills Family Hospice, Pittsburgh, PA

May 12, 1993 “Review of AHA ICD-9-CM Coding Guidelines, Part III,” VA Medical Center, Pittsburgh, PA

April 22, 1993 “Review of AHA ICD-9-CM Coding Guidelines, Part II,” VA Medical Center, Pittsburgh, PA

April 1, 1993 “Intro to ICD-9-CM Coding Seminar,” HealthAmerica, Pittsburgh, PA

March 16, 1993 “Review of AHA ICD-9-CM Coding Guidelines - Part I,” VA Medical Center, Pittsburgh, PA

March 10, 1993 “Introduction to ICD-9-CM Coding Seminar,” HealthAmerica, Pittsburgh, PA

February 11, 1993 “Introduction to ICD-9-CM Coding Seminar,” HealthAmerica, Pittsburgh, PA

February 4, 1993 “Coding Clinic Review - 4th Quarter 1992,” VA Medical Center, Pittsburgh, PA

December 16, 1992 “Coding Clinic Review - 3rd Quarter 1992,” VA Medical

Center, Pittsburgh, PA

November 24, 1992 “Setting Outpatient Coding Incentives,” Faculty Research Seminar, SHRS, University of Pittsburgh, Pittsburgh, PA

July 15-16, 1992 “ICD-9-CM Coding,” Home Health Department, South Hills Health System, Pittsburgh, PA

May 12, 1992 “E-Code Requirements in Pennsylvania,” at the 'Secrets of E-Codes' Seminar; co-sponsored by the University of Pittsburgh Medical Center and the Allegheny County Health Department, University of Pittsburgh, Pittsburgh, PA

December 10, 1991 “Detecting & Coding Secondary Diagnoses,” VA Medical Center, Pittsburgh, PA

August 29, 1991 “Prospective Payment System - An Update,” VA Medical Center, Pittsburgh, PA

August 15, 1991 “Medical Record Automation,” VA Medical Center, Pittsburgh, PA

July 9-12, 1991 “Health Care Terminology,” School of Excellence for Health Care Professions, University of Pittsburgh, Pittsburgh, PA

May 24, 1990 “Introduction CPT Workshop,” West Virginia Medical Records Association, Morgantown, WV

May 23, 1990 “Advanced CPT Workshop,” West Virginia Medical Records Association, Morgantown, WV

April 15, 1989 “ICD-9-CM Coding,” Health America, Department of Utilization Management/Quality Assurance, Pittsburgh, PA

October 4, 1988 “Spreadsheet Workshop,” University of Pittsburgh, Pittsburgh, PA

September 22, 1988 “Introduction to Personal Computing and DOS Workshop,” University of Pittsburgh, Pittsburgh, PA

September 20, 1988 “Database Workshop,” University of Pittsburgh, Pittsburgh, PA

March 14, 1988 “ICD-A-8 Coding and Death Certificates,” National Surgical

Adjuvant Project for Breast and Bowel Cancers (NSABP),  
University of Pittsburgh, Pittsburgh, PA

- September 15, 1987 “HCPCS/CPT-4 Coding for Reimbursement,” West Virginia  
Medical Record Association, Fairmont, WV
- September 14, 1987 “HCPCS/CPT-4 Coding for Reimbursement,” West Virginia  
Medical Record Association, Charleston, WV
- July 7, 1987 “HCPCS/CPT-4 Coding for Reimbursement,” University of  
Pittsburgh, Pittsburgh, PA
- June 30, 1987 “HCPCS/CPT-4 Coding for Reimbursement,” University of  
Pittsburgh, Pittsburgh, PA
- June 5, 1987 “HCPCS/CPT-4 Coding,” Blue Cross of Western  
Pennsylvania, Wilkes-Barre, PA
- June 4, 1987 “HCPCS/CPT-4 Coding,” Blue Cross of Western  
Pennsylvania, Harrisburg, PA
- June 2, 1987 “HCPCS/CPT-4 Coding,” Blue Cross of Western  
Pennsylvania, Pittsburgh, PA
- June 1, 1987 “HCPCS/CPT-4 Coding,” Blue Cross of Western  
Pennsylvania, Warrendale, PA

## VI. COMMUNITY SERVICES

### A. Professional Association Activities and Offices

#### National:

- March 1994 - Served on AHIMA Graduate Curriculum Model  
Development Work Group
- October 1991 - Member of the Council on Coding and Classification of the  
October 1993 American Health Information Management Association.
- August 1991 Member of the Coding Certification Specialist Expert Panel  
of the American Medical Record Association
- September 1979 - Member of the American Health Information Management  
Present Association

State:

July 2013 - June 2015	Member of PHIMA ICD-10 Task Force Committee
July 1989 - June 1990	Member, Coding Workshop Committee, Pennsylvania Pennsylvania Medical Record Association
January 1986 - June 1988	Member of Arrangements Committee, Pennsylvania Medical Record Association
January 1983 - January 1984	Member of Educational Committee, Pennsylvania Medical Record Association
January 1981 - January 1982	Member of Arrangements Committee, Pennsylvania Medical Record Association
September 1979 - present	Member of Pennsylvania Health Information Management Association

Local:

July 2015 -	Member of Social Networking Committee for WPHIMA
July 1996 - June 1997	Past-President, Western Pennsylvania Health Information Management Association
July 1995 - June 1996	President, Western Pennsylvania Health Information Management Association
July 1994 - June 1995	President-Elect, Western Pennsylvania Health Information Management Association
July 1994 - June 1998	Appointed to Advisory Committee of the Health Information Technology Program at Community College of Allegheny County
July 1989 - June 1991	Treasurer, Western Pennsylvania Medical Record Association
July 1988 - June 1989	Member, Ad Hoc Coding Committee, Western Pennsylvania Medical Record Association

January 1986 - June 1988	Member of DRG Committee, Western Pennsylvania Medical Record Association
January 1982 - January 1983	Member of Program Committee, Western Pennsylvania Medical Record Association
January 1981 - January 1982	Member of Public Relations Committee, Western Pennsylvania Medical Record Association
September 1979 - present	Member of Western Pennsylvania Health Information Management Association

B. University, School and Department Committee Appointments

July 1988 - June 1990	Member, Senate Computer Usage Committee
September 1987- June 1988	Pro-Tem Member, Senate Computer Usage Committee

School of Health & Rehabilitation Sciences (SHRS)

2006 – present	Member, Council on Entry Level Education
2005 – present	Member, PeopleSoft Committee
2001 - present	Member, Safety & Security Committee
July 1995 - June 1996	Member, Nominating Committee
July 1992 - December 1995	Member, Space & Facilities Planning Committee
July 1991 - July 1992	Member, Nominating Committee
July 1990 - June 1991	Secretary, SHRS Executive Committee
March 1988 - June 1990	Member, Strategic Planning Committee
September 1987 - August 1989	Chairman, Council on Undergraduate Study