CURRICULUM VITAE
Allan C. Roth, PhD, CISSP
2015

HOME ADDRESS:	21 Oak Lane Springfield, Illinois 62707 Home (217) 529-7980 Cell (217) 816-9667	
E-MAIL	aroth1@uis.edu	
EMPLOYMENT	Adjunct Instructor Emeritus Department of Computer Science University of Illinois Springfield Springfield, IL	July 2001- Present
	Instructor Department of Computer Science University of Illinois Springfield Springfield, IL	Aug 2005- July 2001
	Director of Information Systems 43 Physician Group Practice 300 User Wide Area Network Prairie Cardiovascular Consultants, Ltd Springfield, IL	July 2000 – Aug 2005
	Adjunct Lecturer (Resident and Online) Computer Science University of Illinois at Springfield Springfield, Illinois	1999- Present
	Management Information System and Database Administrator and Online Training Development Governors State University on Contract to: Illinois, Dept of Children and Family Services Springfield, IL	1999- June 2000
	Part Time Faculty MIS, Networking, and Health Information Robert Morris College Springfield, Illinois	1999-2000
	Post Doctoral Informatics Fellow Department Health Management and Informatics University of Missouri Health Science Center Columbia, Missouri	1997-1999

Research Associate Professor   1993-1997
Director of Plastic Surgery Research Laboratories
Southern Illinois University School of Medicine
Department of Surgery
Springfield, IL,

Research Assistant Professor   1986-1993
Director of Plastic Surgery Research Laboratories
Southern Illinois University School of Medicine
Department of Surgery
Springfield, IL,

Assistant Professor   1980-1986
University of Virginia
School of Engineering and Applied Science
Division of Biomedical Engineering
Charlottesville, VA,

Post Doctoral Fellow   1977-1980
Department of Physiology
University of Washington
Seattle, WA

EDUCATION
CERTIFICATION:

Certified Information System Security Professional (CISSP)	International Information System Security Certification Consortium (ISC)^{2}Shrewsbury, MA	December 1999
Ph.D.	Iowa State University Biomedical Engineering Zoology (Physiology)	1974 - 1977
M.S.	Iowa State University Biomedical Engineering	1972 - 1974
B.S.	Iowa State University Aerospace Engineering	1964 - 1969

OTHER EDUCATION

HIPAA and the Information Security and Privacy Officer training (Invited by HIMSS to Critique)	March 2001
Visual Basic (Beginning and Intermediate) University of Missouri-St. Louis Extension	Spring 1999
Administration of Health Care Organizations, Dept. of Health Management and Informatics, University of Missouri-Columbia	Fall 1997

POST DOCTORAL TRAINING

	NIH, NLM Postdoctoral Fellowship Medical Informatics Research University of Missouri Health Science Center Columbia, Missouri	1997-1999
	Research Associate Eric Feigl, M.D. (Mentor) Department of Physiology and Biophysics School of Medicine University of Washington Seattle, Washington	1977-1980

Information Systems Activities

Prairie Cardiovascular Consultants.

Director of Information Systems, HIPAA Security Officer, Started IS department and moved to implement Windows NT/2000 domain, Setting up Active Directory, MS Exchange e-mail system, Citrix servers for low bandwidth applications, Server Farms for our medical applications, Intranet, VPN connection to offices in Southern Illinois, Wireless applications using pen tablets for our electronic medical record, implemented digital Echo System, Database administrator MS SQL Server 2000, accomplished Crystal Reports Designer.

International Information System Security Certification Consortium (ISC)[2]

Certified as an Information System Security Professional (CISSP) January 1999. Renewed Certification for three years in 2001 and again in 2004

Governors State University

Database administrator

University of Missouri-Columbia

Prototyped On-line Information System Security course. 1998

Developed Web-based problem wound database for distance consultation, 1998

Worked on intelligent agents for Audit Trail Analysis of the STAR health information system1999

University of Missouri Hospital Information System Implementation. This is a conversion to Online Reporting and Billing System (PCC online, a partnership of Cerner Corporation, IDX corporation, and First Consulting Group), August1997-1999.

Interface strategy task force-maintaining uniformity of protocols to HL7 for connection to PCC-Online.

Powerchart and Open Clinical Foundation-OCF (data repository group)

HL7 segment definitions for existing ADT systems feeding to the OCF

Rollout planning and task management for Powerchart application.

Security working-group

Security policy for pilots and rollout-IDX and Cerner applications

Determine security levels for new users of IDX and Cerner applications

Developed hand-held (Palm operating system) application for rapid assessment of fluid resuscitation of burn patients, 1999

Quality Indicators working-group - Developing minimal dataset for computaion of HEDIS and FACCT indicators of health care delivery quality, 1998

STAR (System for Text Archiving and Retrieval) on patient record working group, 1998

Image Databases working-group, 1998

Southern Illinois University School of Medicine

Member of the SIU School of Medicine Information Management Policy Committee. (IMPC), Jan 1996-1997.

National Health Care Technology Policy Committee, IEEE-USA, 1994- present.

Computerized Patient Record Subcommittee 1994.

System Administrator, Information System, Institute for Plastic and Reconstructive Surgery, 1993-1997.

Member of the SIU School of Medicine Information Management Technical Advisory Group (IMTAG), 1990-1997.

E-mail subcommittee1994 (Novell Groupwise to replace Profs)

Internet and LAN Securtiy subcommittee -1995

Consultant and LAN Designer, Institute of Plastic and Reconstructive Surgery, Office System LAN development, Spring, 1993.

Consultant and LAN Designer, Department of Surgery, Microcomputer LAN development, SIU School of Med,Fall, 1990

DataBase Consultant , Klinikem rechts der Isar, Technical University, Munich,Germany, Oct 1990.

Honors and Visiting Professorships

Visiting professor, Klinikem rechts der Isar, Technical University, Munich,Germany, Oct 1990, Database design.

Visiting professor, Institute for Environmental Medicine-University of Pennsylvania, April, 1991 .

Visiting professor, Microsurgical Research Center, Eastern Virginia Medical School, Norfolk, VA, August, 1991.

Patents:

Patent disclosure filed and Executive Summary distributed (1985) for invention entitled "Catheter-Mounted Doppler System for the Simultaneous Measurement of Cardiac Output and Detection of Air Emboli."

Publications: Journal Articles:

Author or co-author of more than 35 peer-reviewed articles. Publication list furnished on request.

Publications: Proceedings and Abstracts
Author or co-author on abstracts from more than 55 presentations. Abstract list furnished on request

Grants

More than 28 grants, as PI or Co-PI