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RESEARCH STATEMENT

The locus of my research and life’s work is Community Informatics: investigating, contributing to, and implementing policies, practices and programs effecting the social appropriation of ICT (Information and Communication Technology) and affecting its effective use. The focus of my theory and praxis is on defining and instituting models for the roles played by university entities both as an advocate and as an intermediary in a holistic partnership incorporating the residential, public and, the often ignored, commercial/private sectors of the community.

EDUCATION

DePaul University, Chicago, IL

Present  Candidate, Doctor of Philosophy in Computer Science (ABD)
1982  Master of Science in Computer Science
1979  Bachelor of Science in Computer Science, with honor
ACADEMIC EXPERIENCE

2001 - Present
DePaul University
Center for Community Technology Support, Executive Director
http://ccts.cs.depaul.edu/

Directing a center providing technical services and software development for several dozen nonprofit, community and academic agencies. Staff consists of a full-time Technical Director, two part-time network managers and a dozen student employees. Personnel and client management, project design and development, proposal writing, fund-raising.

1995 - Present
DePaul University
School of Computer Science, Telecommunications and Information Systems (CTI), Instructor

Graduate and prerequisite

CS Foundations II (Data Structures) - Java
http://condor.depaul.edu/~csykes/cs416/rdmeframe.html

Database
http://condor.depaul.edu/~csykes/cs449/rdmeframe.html

Undergraduate

CS I, CS II - C++
http://condor.depaul.edu/~csykes/cs215/rdmeframe.html
http://condor.depaul.edu/~csykes/cs225/rdmeframe.html
http://condor.depaul.edu/~csykes/cs310/rdmeframe.html

CS I, CS II - Java
http://condor.depaul.edu/~csykes/cs211/rdmeframe.html
http://condor.depaul.edu/~csykes/cs212/rdmeframe.html

Operating Systems
http://condor.depaul.edu/~csykes/cs343/rdmeframe.html

COBOL
http://condor.depaul.edu/~csykes/cs203/rdmeframe.html

1997 - 1999
Northwestern University, University College, Lecturer

CS I, CS II - C, C++

1984 - 1988
Chicago State University, Lecturer

CS I, CS II, Data Structures – Pascal

Database, Operating Systems, COBOL, Basic Mathematics
PROFESSIONAL SERVICE

Presentation to Chicago State University College of Business on curriculum and technology infrastructure needed for undergraduate E-Commerce programs

Founding advisor, DePaul chapter Black Data Processing Associates (BDPA); 7th largest BDPA chapter (including all chapter types) in the U.S.

Currently working with Chicago area BDPA corporate groups to formalize submission of summer internship applications from BDPA student chapters (DePaul, DeVry Chicago, DeVry Tinley Park, Chicago State and IIT). Allstate and HSBC (Household Bank) are participating; in discussions with Abbott Labs, ABN AMRO (LaSalle Bank), Hewitt Associates and Walgreens.

Organized two events on Computer Game Development, recruiting gaming industry representatives to conduct seminars, workshops, and student interviews

http://gamedeveloper.cti.depaul.edu
http://ccts2.cs.depaul.edu/gamedeveloper

Advisory Board, Illinois Institute of Technology Digital Media Center

Selection Committee, Richard H. Driehaus Foundation Public Innovator Award

Co-chair, Program Review Committee to evaluate CTI’s doctoral program

Co-chair Joint Educational Facilities International Student Symposium, 8th World Multi-Conference on Systemics, Cybernetics and Informatics

Program Chair, YUFORIC section of the International Conference on Multimedia Systems

Founding advisor, DePaul chapter National Society of Black Engineers

Initiator in founding DePaul chapter Society of Hispanic Professional Engineers

Prepared a report for CTI on the Information Technology infrastructure of commercial enterprises in the West Humboldt Park community. Conducted surveys and interviews on-site with over eighty firms, covering their hardware facilities, software used, and their IT issues and needs. Made recommendations regarding the feasibility of establishing a business development center to service the area.

Organizer, GAANN Ph.D. Colloquium presenting research and workshops from DePaul CTI faculty and doctoral students.

Prepared a report for DePaul’s Egan Urban Center surveying the electronic services Chicago area universities were offering to partnering Community Based Organizations

Conducted a survey on Digital Divide activities of Chicago area universities, for presentation at the National Conference of the Black Data Processing Associates
GRANTS

DePaul University Centers and Institutes Seed Fund for GIS tool kit research

DePaul University President’s Fund for Girl Scouts Technology Camp

SBC Excelerator Grant for GIS research and development - 2002, 2003, 2004

CERTIFICATIONS

Sun Certified Programmer for the Java 2 Platform (1.4)

MEMBERSHIPS

Association for Computing Machinery
Association for Information Systems
Black Data Processing Associates
Institute for African American E-Culture
Institute of Electrical and Electronic Engineers, Computer Society
PhD Project Information Systems Doctoral Students Association
Upsilon Pi Epsilon

AWARDS

1995 - 1998 GAANN Fellowship, DePaul University
1978 - 1979 Graduate Assistantship, DePaul University

COMMERCIAL EXPERIENCE

1990 - 1996 Independent Software Consultant
Software development: AS/400 COBOL, RPG.

1989 - 1990 Budget Rent a Car
Systems Analyst and Team Leader. Managed projects, developed specifications and programs: IBM S/38 COBOL, RPG.

1984 - 1989 Independent Software Consultant
Software development, systems design, programming, training. Marketing assistance contract with IBM Product Centers: S/3X, RPG, BASIC, Series/1 EDL.

1979 - 1984 IBM
Systems Engineer, technical sales support: S/3X, Series/1.

1976 - 1979 Kaleidoscope Child Care
Specialized Foster Parent caring for emotionally disturbed teenagers; provided a stable home environment, preparing them to function independently as adults.