

DAVID VAMPOLA
149 East Seventh Street
Oswego, NY 13126
(315) 342-6169

TEACHING AND ACADEMIC RESEARCH EXPERIENCE

Director, Information Science Program (SUNY – Oswego, 2004 to present)

I am currently directing an effort to redesign this program to reflect emerging areas of human-computer interaction, multimedia and WWW architectures/retrieval systems.

Interim Co-Director, Interdisciplinary Program and Activities Center (IPAC)-
Academic Years 2005-2007

Visiting Assistant Professor, Department of Computer Science, State University of New York, College at Oswego. (1998 to present)

Taught courses in Computer and Information Science. Have served in various capacities in introducing the new Cognitive Science major to campus.

Assistant Director, Social Science Empirical Analysis Laboratory and Supervisor of Media Services, Le Moyne College, Syracuse, New York (1997 to 1998).

Have been a central participant in the development of a computer laboratory for social science, education and biology faculty members and students. Have supervised the operation of a microcomputer cluster and have trained fifteen staff members in the use of computer programs. Offered computer instruction to the Le Moyne community. Participated in developing multimedia and hypertext applications in the Falcone Library.

Instructor - Department of Computer Science, State University of New York at Oswego (1995 to 1996)

Offered instruction in programming languages, Internet use, and computer applications. Also offered Internet instruction to members of the Oswego community through the Office of Conferences and Institutes.

Data Analyst/Programmer (1992 to 1994) - Brown University Center for Health Promotion/Miriam Hospital, Providence, RI

In charge of data management and assisted analysis for a number of research projects in the medical and in the psychological fields. Designed and programmed tracking and data analysis systems; regularly provided reports.

Academic Researcher/Computer Consultant (1987-1991) - University of Pittsburgh

Supervised data entry, designed and implemented databases, devised coding schemes, developed algorithms, and designed reports. In addition, developed skills in graph theoretic applications to social analysis, as well as quantitative and statistical analysis of social and political phenomena.

Visiting Lecturer - Social Sciences - Community College of Rhode Island (October, 1991)

Instructor - Department of History, Boston University (1990 - 1991)

Instructor - Social Sciences, Bunker Hill Community College (1989)

Lecturer - Social Sciences, University of Pittsburgh (1987-1988)

Wissenschaftlicher Mitarbeiter (Researcher in Quantitative Sociology of Education) - University of Bochum, Germany (1985-1986)

Researcher - Quantitative/Computer Social Science Project (Summer, 1984)

Teaching Assistant/Instructor (Computer Science) - Control Data Institute (1977)

Teaching Fellow (Mathematical Logic) - University of Notre Dame (1974-1975)

Teaching Assistant (Mathematical Logic) Loyola University of Los Angeles (1973)

DATA PROCESSING/ANALYSIS EXPERIENCE

Senior Research Analyst- Health Services Medical Corporation, Baldwinsville, New York (1996 to 1997)

Have been an analyst investigating demographic and epidemiological characteristics of client populations. Developed ODBC applications in SAS and Access.

Data Management Operations / Statistical Analyst (1994 to 1995) Corporate Services Incorporated, South Bend, Indiana.

Was in charge of designing data analysis plans for market and clinical research. Provided data operations and management support (including database programming), gained in-depth familiarity with imaging systems (including ICR technology), conducted survey research and data analyses, wrote reports and produced graphic displays of survey outcomes. Developed HTML documents, and provided hypertext/hypermedia consulting.

Statistical and Software Consultant (1993 to 1998) - Statistical Management Services, Providence, Rhode Island

Wrote programs and conducted analyses of survey data, provided statistical and software advice concerning survey development, analyses of data and automation of report procedures. In addition, have conducted training sessions for focus group research and analyzed results (empirical qualitative research). Clients included State Street Bank and International Laborers Union.

Systems Analyst/Programmer - Local 25 Medical Center, Boston, MA (1977-1983)

Designed all computer programs (in COBOL and DIBOL and DEC Macro 11), defined and managed databases (in Datatrieve), trained all personnel, supervised the installation of a computer system (in a distributed environment) and converted all files. Analyzed and provided demographic analyses to professional staff.

STATISTICAL BACKGROUND

Descriptive statistics, regression and correlation analysis, multivariate statistics (including MANOVA with repeated measures), reliability measures, cluster analysis, factor analysis, multidimensional scaling, time series analysis, graphical representation of numeric data.

KNOWLEDGE OF COMPUTER APPLICATIONS SOFTWARE

Java, COBOL, C, SPSS, SAS, FORTRAN, PL/1, ASSEMBLY LANGUAGES (IBM and Digital), PASCAL, BASIC, Visual Basic, Perl, Prolog, DIBOL; various wordprocessors (Wordperfect, MS Word); database systems (FoxPro, Access and dBase); graphics (Harvard Graphics) spreadsheet programs (Quattro Pro, Excel), and artificial intelligence languages (LISP).

KNOWLEDGE OF COMPUTER HARDWARE AND OPERATING SYSTEMS

UNIX, DEC VMS, NOVELL, IBM CMS, MS-DOS, Windows and MacIntosh systems.

SELECTED PUBLICATIONS/WIDELY DISTRIBUTED REPORTS

Prescription Writing Characteristics Among Nurse Practitioners 1997-2005” . Joyce Pulcini, David Vampola (In Preparation).

"The Emergence of "Technologies of Scale" (in preparation; to be part of a volume edited by Steve Rosow of the SUNY - Oswego Political Science Department)

"NPACE Nurse Practitioner Practice Characteristics, Salary, and Benefits Survey for year 2003" Joyce Pulcini, David Vampola Clinical Excellence for Nurse Practitioners (March 2005).

"Prescription Writing Characteristics Among Nurse Practitioners" . Joyce Pulcini, David Vampola (The Nurse Practitioner, October 2002)

"NPACE Nurse Practitioner Practice Characteristics, Salary, and Benefits Survey for year 2000" Joyce Pulcini, David Vampola, Clinical Excellence for Nurse Practitioners.

"NPACE Nurse Practitioner Practice Characteristics, Salary, and Benefits Survey for year 1999" Joyce Pulcini, David Vampola. Clinical Excellence for Nurse Practitioners , November 2000.

"NPACE Nurse Practitioner Practice Characteristics, Salary, and Benefits Survey for year 1997" Joyce Pulcini, David Vampola. Clinical Excellence for Nurse Practitioners , September 1998.

"Needs Assessment for the Laborers AGC Education and Training Fund-1996" Lincoln, Rhode Island, 1996

"Negating Positivism: Language and the Practice of Science" (with Michael Shank) in The Philosophy of Discourse , edited by Chip Sills and George Jensen, Heinemann Publishers, 1992

Review of Christophe Charle, Les Professeurs de College de France (1901-1939) in Isis, Journal of the History of Science Society, June, 1990

Review of Lewis Pyenson "Neo-Humanism and the Persistence of Pure Mathematics in Wilhelmian Germany" in Kos : Rivista di cultura e storia delle scienze mediche, naturali e umane. No 2 (1984)

POSTER SESSIONS

"Nurse Practitioner Prescribing Practices and Trends: 1996-2005: Implications for NP Education and Practice" "NONPF Annual Conference, Denver, CO April 12-15 2007

"NPACE Nurse Practitioner Practice Characteristics, Salary, and Benefits Survey for year 2004" Joyce Pulcini, David Vampola, Poster Session Northeast Regional Nurse Practitioner Conference May 3-5 2006

"Teaching 'The World of Autism' : Project Results" (with Rhonda Mandel)
Oswego Symposium on Learning and Teaching. September, 2006

"Exploring the World of Autism: A Multidisciplinary Approach" (with Rhonda Mandel) Oswego Symposium on Learning and Teaching, September 16, 2005

COMPUTER RELATED LECTURES

"Internetology: Society, Emerging Networks and You," to be given at:
Oswego YMCA, April 30, 2008

"The Logic of Interdisciplinary Appropriation and the Appropriation of Logic: The Case of Interrogative Logic and Information Science" Given at the Fourth International Conference on Technology, Knowledge and Society, Northeastern University, January 19, 2008

Keynote Address, given at conference, "At The Intersection: A Conversation Between Art & Science On Information Visualization" March 30 & 31 2007
SUNY Oswego

"Somebody wants to be you: Identity Theft in the 21st Century", Oswego YMCA, March 8, 2007

"Ethical Implications of Distant Suffering in the Culture of Information ”
March 30, 2005 , SUNY Oswego

Chair, "What is Information" panel at "Cultures of Knowledge in a Global Media Age" - SUNY Oswego, October 23, 2005

"Trends in Nurse Practitioner prescribing practices: 1996 – 2003" given at "Critical Pathways in the Global Context", Groningen, Netherlands
July 2004

"Salaries, Benefits. Practice Characteristics and Prescription Writing Patterns for Nurse Practitioners 1997- 2001: Implications for Marketing the Role to Potential Students", Minneapolis, MN "Shaping New Paradigms in Nurse Practitioner Education" April 12, 2002.

"The Machine in the Quad", American Association of Higher Educators, Washington DC, March 2001

"The Cognitive Dimensions of Information Science", SUNY Oswego, April, 2000

“Mapping the Mind” Linguistic Circle Lecture, SUNY Oswego,
April, 1999

“Vagueness: Its Clearly-Defined Position in Cognitive Science” given
at “Re-Imaging the Mind” conference, SUNY Oswego, March, 1998

“The Text and Context of Hypertext: Narrative Structures, Communities of
Readers and the Critique of Taste” Conference on Culture, Technology and
the Human Experience, SUNY Oswego, April, 1996

“Morals and Machines”, Winter Breakout, SUNY Oswego, January, 1996

OTHER INVITED TALKS

New York Academy of Sciences

Harvard School of Public Health

Harvard University, Department of Psychology

University of Bochum

University of Osnabruck

University of Duesseldorf

Boston University

Ecole Normale Superieure

University of Pittsburgh

Leo Beck Institute (New York City)

CNRS (Paris, France)

Bard College

OTHER TALKS/PRESENTATIONS

"Re-imaging Bildung: The Unity of Teaching, Learning and Advising"
Center for Excellence in Learning and Teaching, SUNY Oswego,
February, 2008.

"The Information Science Program at SUNY - Oswego, and Possibilities for Transfer Students" Transformation Conference, SUNY- Oswego, October, 2007

"A Prolegomena to Dynamic Theories of Learning", Center for Excellence in Learning and Teaching Conference, SUNY - Oswego, September, 2008.

"Intersections: Analytic and Continental Philosophy" - Given to a SUNY Oswego campus group, "Theorists Anonymous" (April 14th 2004)

"The Oswego Reading Initiative: An Informational Forum for Faculty and for Students" SUNY Oswego, April 2002

PANEL ORGANIZER

"Darwin Day: 2007", SUNY Oswego, February 12, 2007

"Across Cultures: The Family in Transition", SUNY Oswego, November 30, 2006

"Darwin Day: 2006", SUNY Oswego, February 13, 2006

"Hurricane Katrina: Scientific Perspectives", SUNY Oswego, November 8, 2005.

"Hurricane Katrina: Global Perspectives", SUNY Oswego, October 2005

INTERVIEWS

"Tech Talk", SUNY Oswego, Campus Technology Services, July, 2007

OTHER RESEARCH ACTIVITY

Cited as a member of Brown Medical School research team in the following:

Biener L, Glanz K, McLerran D, Sorensen G, Thompson B, Basen-Engquist K, Linnan L, Varnes J.. "Impact of the Working Well Trial on the worksite smoking and nutrition environment." Health Educ Behav. 1999 August, 26(4):478-94.

Laura A. Linnan, Joseph L. Fava, Beti Thompson, Karen Emmons, Karen Basen-Engquist, Claudia Probart, Mary Kay Hunt and Jerianne Heimendinger "Measuring participatory strategies: instrument development for worksite populations" . Health Education Research, Vol. 14, No. 3, 371-386, June 1999

Emmons, Karen M. PhD; Linnan, Laura A. MSED; Shadel, William G. PhD; Marcus, Bess PhD; Abrams, David B. PhD "The Working Healthy Project: A Worksite Health-Promotion Trial Targeting Physical Activity, Diet, and Smoking" Journal of Occupational & Environmental Medicine. 41(7):545-555, July 1999.

GRANTS

Auxiliary Services, SUNY Oswego for "Cognitive Science Luncheon Series" (February 2000 through May 2001)

SM&T Grant (with William Bosch), SUNY Oswego for "CSC 120 as a Problem Solving Course" (Summer 1999)

Volkswagen Foundation Grant (1985-1987)

UNIVERSITY SERVICE WORK

Member, Oswego Reading Initiative Committee (2001 – Present)

Member, Interdisciplinary Programs and Activities Center (IPAC) Group (2007- present)

Participant in Planning Retreats - College of Communications, Media and the Arts, SUNY - Oswego, (June, 2007 and January 2008)

Chair, Phi Kappa Phi Scholarship Committee (2007-Present)

Member, Committee on Office of Research and Sponsored Programs (Spring 2004)

Member, Planning Committee for CCIT (Center for Communication and Information Technology)

Cognitive Science representative to Philosophy Department Searches (2002)

Participant, Summer Orientation Program (2004, 2005, 2006, 2007)

Participant, First Year Advisors Program (2001-2003; 2004- 2007)

Member, Middle States Accrediation Self- Study Committee (Institutional Assessment) Spring 2001

Outside reviewer, OOPSLA Conference 2000

Director, Cognitive Science Luncheon Series

Member, Languages Across the Curriculum (1998-2001)

Member, Cognitive Science Board, SUNY Oswego

Member, Computer Science Curriculum Committee

Member, Information Science Curriculum Committee

EDUCATION

University of Pittsburgh - Doctoral Candidate in Quantitative Social Sciences,
Secondary Field in Conceptual and Social Foundations of Science

Tufts University - Master of Arts (Social Sciences/History) - Awarded 1980

University of Notre Dame - Master of Arts (Mathematical Logic) - Awarded 1976

Princeton University - Additional Graduate Study (Social Sciences) 1980-81

Boston University - Graduate Computer Science Courses, Graduate Courses in
Social Theory, Quantitative Approaches to Social Sciences - 1982-84

Digital Equipment Corporation - Computer Science Courses - 1981

Loyola University (Los Angeles) - Bachelor of Arts (Philosophy, with emphasis in
Mathematical Logic) - 1973

FELLOWSHIPS/SCHOLARSHIPS

Volkswagen Foundation Fellow - University of Pittsburgh (1986- 1987)

Mellon Predoctoral Fellow - University of Pittsburgh (1984-1985)

University Fellow - Boston University (1982-83)

Davis Fellow - Princeton University (1980)

AWARDS

President's Teaching Award - SUNY Oswego: May, 2007

President's Advising Award - SUNY Oswego: July, 2007

Award for "Supporter of Diversity" from Rainbow Alliance,
SUNY- Oswego: April, 2007

Phi Kappa Phi, April, 2006

MEMBERSHIP

Association for Computing Machinery (ACM)

Association for Symbolic Logic

IEEE Computer Society

Phi Kappa Phi

COURSES TAUGHT

At SUNY - Oswego

Graduate:

Graduate Seminar in HCI: Neural Networks

Graduate Seminar in HCI: Natural Language Processing

MBA 511: Management Information Systems

Undergraduate:

CSC 101 - Tools for Computing

CSC 120 - Introduction to Programming (Visual Basic)

CSC 212 - Fundamentals of Programming

CSC 350 - Computational Linguistics

ISC 110 - Introduction to Information Science

ISC 220 - Information Storage and Retrieval

ISC 329 - Database Management Systems

ISC 410 - Decision Support Systems

COG 376 - Computational Representation of Natural Language
Processing

COG/PSY 411 - Introduction to Neural Networks
ART 450 - Programming for Artists
HON 300 - Natural Science in the Human Context
HON 301 - Honors Program Capstone Course
CAS 490 - The World of Autism

Independent Study Courses:

Theory and Practice of Markup Languages
Expert Systems
Advanced Topics in Natural Language Processing
Systems Analysis

Courses at Other Institutions:

Boston University

Western Civilization 1500 -1945

University of Pittsburgh

Western Civilization 500 BCE - 1500

Western Civilization 1500 - 1945

Additional Areas of Teaching Competence: Mathematical Logic; Philosophy