



The University of South Florida

Founded in 1956, the University of South Florida was the first public U.S. university to be wholly created in the 20th century. Today, it is the largest metropolitan university in the Southeastern United States, with a student body of 35,500 spread across four campuses, more than 200 academic programs and an annual research budget surpassing \$160 million. USF has been classified by the Florida Board of Regents as a Research I University. Of USF's 1,607 faculty, there are 62 Fulbright Scholars, 35 Endowed Chairs, and 14 Endowed Professorships.

USF's Internet2 research also encompasses collaborative digital imaging and video for detection and diagnosis of breast cancer, high-speed multimedia communication, tele-medicine, molecular design and recognition, the study of world oceans and weather, intelligent visualization of tera-byte databases and intelligent transportation systems through machine vision.

The Louis de la Parte Florida Mental Health Institute

The Louis de la Parte Florida Mental Health Institute at the University of South Florida has more than 25 years experience fulfilling its mission to strengthen mental health services throughout the state. The Institute provides research, training, education, technical assistance, and support services to mental health professionals and agencies as well as consumers, consumer organizations, and behavioral health advocates statewide. The Institute works closely with the Departments of Children and Families (DCF), Corrections (DOC), Elder Affairs (DOEA), Education (DOE), and the Agency for Health Care Administration (AHCA), as well as with members and staff of the State Legislature and providers of mental health services throughout Florida. Annual appropriation in the State University System budget for the Institute totals \$10.5 million, supporting four academic departments with 199 faculty and support personnel. The Institute's grant and contract total for FY 1999-2000 of \$13 million supports 174 additional faculty and staff. The Institute is comprised of four research departments and a number of specialized centers.

The **Department of Community Mental Health** focuses on improving behavioral healthcare services, placing emphasis on effective interventions for special needs populations, including adults with the most severe and disabling mental illnesses. The USF Center for HIV Education and Research educates medical and mental health professionals on treatment and prevention of HIV/AIDS.

The **Department of Child and Family Studies** is committed to enhancing the well-being of children and families. CFS hosts the Institute for the Study of Children's Futures (Florida Kids Count), the Center for Autism and Related Disabilities, Florida's Center for Parent Involvement, and the Banyan Center. CFS is also home to two federally funded national centers: The Research & Training Center for Children's Mental Health and the Rehabilitation Research & Training Center on Positive Behavioral Support.

The **Department of Aging and Mental Health** addresses the immediate and longer term mental health, substance abuse, and support system needs of older adults as well as the needs of caregivers and families caring for aging family members; health care professionals serving the mental health and substance abuse needs of older persons; and the aging, mental health, and substance abuse service systems.

The **Department of Mental Health Law and Policy** conducts research and training on the relationship between the legal and the mental health systems and develops innovative approaches to mental health and related services within the criminal and civil justice systems. MHLP hosts the Professional Development Center and the Juvenile Justice Training Academy for professionals working in child welfare or juvenile justice. MHLP also hosts the Policy & Services Research Data Center.

The Institute's **Computer Support Center** provides hardware and software support to faculty and staff and operates its own local area network of 450 computers with Internet 1 and 2 access provided for all faculty and staff. The center has played a very active role in obtaining National Science Foundation (NSF) sponsored high speed connectivity to Internet2, and has actively pursued the adoption of streaming video technologies in support of faculty teaching and research.

The Institute's **Research Library**, as a member of the Florida university system Libraries, provides access to a broad range of reference materials and services. A variety of specialized services, including literature reviews and current awareness are available. Considered a statewide resource for mental health information, the Library has a core collection on managed behavioral healthcare that is unique within the state university system.

The Institute operates its own **Media Center** with up-to-date production facilities providing on-site capacity to produce high quality audio/video materials.

Institute URL: <http://www.fmhi.usf.edu/>
Project URL: <http://www.fmhi.usf.edu/institute/webcasts/>

The Louis de la Parte Florida Mental Health Institute

Streaming Video Database

in support of mental health
education and training

University of
South Florida
USF

About the Project

The Louis de La Parte Florida Mental Health Institute's Computer Support Center and Research Library, in a collaboration with the Institute's Media Center have developed a streaming video database in support of the Institute's goals of informing the public on mental health issues. The database will comprise 100 hours of video indexed and retrievable by author, title, subject matter, and other relevant characteristics.

Retrieved records may play the video upon demand in three distinct formats, 56 kbps (Modem), 250 kbps (LAN), and 1,000 kbps (Internet2) speeds. Citizens with access to the internet may view the 56 kbps videos in the privacy of their homes, while social science educators at Internet2 universities may opt to use the 1000 kbps materials in their classroom presentations. The vignettes delivered via the high speed Internet2 connection render a superior image.

This project integrates two different computing platforms to achieve its objectives. Web services and the archive database are maintained on a Sun Microsystems Ultra-1 running Solaris 2.6. The web based queries are passed to PostgreSQL which permits searching any of eight fields either singly or in combinations of two or three using simple boolean logic. The results of the queries are transmitted back to the client PC's Internet Explorer 5.0 or later browser which opens MediaPlayer ver. 6.4 at the appropriate location on the page. Stream information from the resulting query is used to establish a link to a MicroSoft NetShow server (a Dell PowerEdge 2300 running Windows NT Server ver. 4.0) for the presentation of the video on demand.

Education is entering the most creative period it has ever seen with webcasts becoming a vital resource for making knowledge more accessible. Instruction that utilizes electronic media for teaching and learning allows the development of these new educational models and is the foundation of pedagogy for the future.

These models can be readily delivered through the Web, not only into the classroom, but also into the real world where students can interact with them at their convenience to explore new ideas. The vignettes provide an accurate picture of effective interventions for those students who have little or no clinical experience with persons who have a mental illness or substance abuse disorder. The lectures by subject specialists provide an enhanced knowledge base for students and enrich class lectures. In the *Mental Health Services Delivery* class, a part of the focused study in public mental health graduate program between the College of Public Health and the de la Parte Institute, students read the lecture, view the videos, and respond with analyses and questions to their professors. In the *Services for Special Populations* video, viewers can observe librarians intervene in real-life settings and hear guidelines to aid them in working with populations with special needs.

Sample Screen Display

author : Burr, Diane W. //Mullins, Larry C.//Rich, Thomas A.//Roorda, James A.//Boucher, Louise A.//Zuk, Irene M.//Oliver, Kimberly R.//Sullivan-Mintz, Judith
title : Older Homeless Adults in America. Part 9: Law enforcement
collection : Webcast (1000kb)
date : 1992
location : System requirements: Internet connectivity (1000kb), Web browser software, Microsoft Media Player. If you do not see a viewer in the field below this message, you will need to download MediaPlayer from this [site](#).
extent : 15:34 minutes
pages :



note :

abstract : This nine-part video series was produced by the Institute's Department of Aging and Mental Health in 1992. Funded by the Retirement Research Foundation, the series was developed as a training program to support education efforts in the state of Florida. Part 9 (original title: "A Social Problem, Not a Crime: a video guide for law enforcement") reviews the demographics of the older homeless adults, the effects of deinstitutionalization and economic conditions, medications, physical health problems, and the older homeless adult as a victim of other crime on the streets.

callnumber : In process (In-house collection)

descriptors : webcast 1000/ internet2/ elderly/ staff training/ Roorda, James R. (scriptwriter)/Roorda, James R. (narrator)/streaming video webcast -- educational, training narrative/ homelessness/ mentally ill/ grant/ Retirement Research Foundation/ Aging and Mental Health/ AMH/ Aged/ older homeless adults/ social policy/ vignette/ community mental health services/ homeless persons -- mental health services -- United States/ homeless persons -- services for -- Florida/ housing -- United States/ deinstitutionalization/ law enforcement/ crisis intervention/ stereotypes/ stigma/ labeling

Technical Details

Pedagogical Implications

Additional Enhancements

Displaying video alone simply is not sufficient. It is critical that the user be able to readily access the information contained within the video. To this end, the de la Parte institute will be adding internal index markers to the videos as well as enhancements to the cataloguing records.

The database provides extended descriptor (keyword) entries which are unique identifiers of the contents of a document and include the names of people or things, specific dates and times, or actions. The more unique descriptors specified, the more likely the document will be found in a subsequent search. An online thesaurus is also available for a quick browse through the terms used to index items.

Netterfield, T. (1999). The Building of a Virtual Lecture Hall: Netcasting at the University of South Florida. *CAUSE/EFFECT*, 22 (2).

Kearns, W.D., Hanson, A., & Fought, D. (2000). From Catalogue to Video: The Use of Electronic Media as Curriculum and Research Support. Demonstration at the Symposium on 21st Century Teaching Technologies: A Continuing Series of Explorations, University of South Florida (March 24).

Hanson, A. & Kearns, W.D. Mental health informatics: use of streaming video to support education and training. *Journal of Behavioral Health Services and Research* (in press).

Bibliography