



oasis

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Los Angeles Chapter

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Scouting Out the Millennium

Report on the Fall Workshop by Jason Binford

The LACASIS 1997 fall workshop attracted more than 130 participants to the Industry Hills Sheraton Resort & Conference Center on September 19th. Since the day's skies were clear by L.A. standards, the hilltop location gave views of the vast Los Angeles Basin and surrounding mountains. Inside the hotel ballroom, seven speakers offered views of a different sort, speaking about the near future of information technology. The all-day conference was based on the theme, "Expedition 2000: Scouting Out the Millennium."

Technologies to Carry the Data

A panel discussion launched the meeting, with three representatives of different industry sectors discussing the technologies that will physically connect computers on the Internet in coming years. Tom Shoup of Hewlett Packard represented cable modems, John Sutton of MCI focused on telephone land-lines, and Mark Grannis - an attorney who is counsel for several wireless service providers - spoke of satellites and terrestrial wireless technologies.

In comparing the three technologies, each speaker was partial to the technology he represented (to no one's surprise), but each was forthright about limitations as well. For example, cable lines have much greater bandwidth than copper phone wiring, but cable is presently much less reliable for delivering intact data than the phone system.

The three speakers agreed that the model of transmitting data is steadily changing from the open circuit - in which, for example the entire capacity of a phone line is dedicated to callers for the duration of a phone call. In its place is the Internet model of sending packets of data from many users over the same transmission medium. The circuit-switched network will gradually disappear in favor of packet switching.

Later in the morning, MCI's Sutton addressed the audience separately about videoconferencing. Early corporate adapters of videoconferencing saw it as a way of reducing travel expenses by

replacing face-to-face meetings with transmission of "talking heads" between remote locations. Now a more sophisticated multimedia conferencing is emerging, where participants can not only make visual presentations as they speak, but can also jointly work with data from their organization's databases.

Shoup of HP gave a separate talk as well, on his company's vision of information appliances. A project nicknamed HEE-HAW ("Hey, Everything Has A Web Page") envisions the World Wide Web extending far beyond its current boundaries. Every sort of existing appliance could have an interface to the web. This would allow, for example, a fan of Oprah who forgot to program his home VCR before leaving for work to do so via his office computer by connecting to the appliance's web page over the Internet (and potentially get the VCR display to stop flashing 12:00, Shoup assured).

One other morning speaker reminded the audience that future technologies depend on what exists now. Dave Klein, of fax technology company Instant InfoSystems, pointed out that the worldwide installed base of fax machines is almost 100 million units. People use them because they are easy and reliable. One improvement on the horizon is fax hardware capable of sending color facsimiles, possibly by 1999.

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What do You Recommend?

Electronic Resources from Recent Chairs of the LACASIS Executive Board.

OASIS posed this question to six information professionals: *Of all the electronic resources you use in your work — from Web sites to electronic mailing lists to Usenet newsgroups — which one would you recommend to your colleagues?* Here are answers from recent chairs of the LACASIS executive board

LINDA ADAMS

Chair 1993-94

Director, Information Services

The Boston Consulting Group

lladams@netcom.com

U.S. Census Bureau Web Site

<http://www.census.gov/>

“Great stats!” says Linda of this site. Indeed, you can find out statistics for monthly wholesale trade, get the very latest estimate of the U.S population, or even learn the name and phone number of the Census Bureau employees who compile the data. Access to Census Bureau publications on the site is free.

LINDA RUDELL-BETTS

Chair 1996-97

Information Resources Manager

Quarterdeck Corporation

lrudell@netcom.com

LEO: Librarians and Educators Online

<http://www.leonline.com/>

This New England-based consulting group puts two free publications up on the Web. Internet Trend Watch for Libraries reports on innovative library uses of Internet applications. Search Insider offers tips, news, and reviews on searching the Web.

CAROLYN HILLER

Chair 1994-95

Team Leader, Slavic and Social Science Cataloging

University Research Library, UCLA

cbl@library.ucla.edu

MapQuest

<http://www.mapquest.com/>

This interactive mapping service lets you create customized maps of areas all over the world. You can also get door-to-door travel directions for your next trip. (Carolyn also admits a special fondness for French perfumery Fragonard, which can be found at <http://aaacom.com/pdg/fragonard.htm>)

DUDEE CHIANG

Chair 1997-98

Database Information Consultant

Amgen Library

dchiang@mindspring.com

My Yahoo!

<http://my.yahoo.com/>

This service from Yahoo! lets you create customized pages of Web news sources or websites. Dudee likes the feature allowing grouping sites into topics without spending the time of creating her own pages.

KAREN HOWELL

Chair 1995-96

Co-Coordinator

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Deja News

<http://www.dejanews.com/>

Karen says this archive of Usenet newsgroup postings contains useful information on people, specialized topics, website recommendations, and more. She offers this tip: For best results, first search for a newsgroup that covers the general topic of interest, and then search or browse within that newsgroup.

LINDA MCCANN

Chair Elect, 1997-98

Librarian

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Balch Institute for Ethnic Studies

<http://www.libertynet.org/~balch/>

As one of the maintainers of the USC webpage on ethnic studies, Linda considers this a unique and useful site for information on race, ethnicity, and immigration. You can also get more links by visiting the site she and Eileen Flick maintain at USC: <http://www.usc.edu/Library/Ref/Ethnic/index.html>

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Chair's Comments

Dudee Chiang, LACASIS Chair 1997-98

I've been thinking how should I begin my column as the new chairperson for LACASIS. "It is an honor and pleasure..." "It is a time of change..." They all sound like cliches, but they do express my feelings. So, I will start by saying it is an honor and pleasure to continue the work of previous LACASIS chairs, especially Linda Rudell-Betts. With the contribution of all LACASIS members, I am looking forward to another successful and fun year.

It is also a time of change. A couple of long-time LACASIS board members have decided to take an "early retirement" from active LACASIS participation. Carolyn Hiller has been the archivist of LACASIS, graphic editor (and editor for the last issue) of OASIS; she is also a past chair of the chapter, and had been responsible for at least two Fall Workshops! Roberta Horowitz is almost synonymous with "LACASIS." On the official roster, she is the person in charge of our membership records, but her contribution far exceeds what any words can describe. Every one of us who joined or transferred to the chapter in the last ten years received a welcome letter. That letter is Roberta's idea and effort. The chapter is financially sound not only because we have programs that draw people in, but also because we keep our mailing costs low by strictly following the

U.S. Postal Service's rules and regulations for bulk-rate mailings, and Roberta is the person keeping track of the changes in those rules. Last but not least, Roberta was the chair for the successful 1997 Fall Workshop. Best wishes from the Chapter to both Roberta and Carolyn in their new endeavors!

There are several new faces on the Advisory Board: Mary Sellen is the new archivist and Student Chapters Coordinator, Louisa Toot is responsible for advertising for OASIS, Tanya Novak joins OASIS as the graphic/layout editor, and Delia Blanquart will be receiving registrations for coming programs, Barbara Busch will coordinate our membership database. The 97-98 Board cannot function without the cumulative experiences of long time members, and many of us are taking new responsibilities. Linda McCann is the new Chair-Elect and Program Chair, joining her in the program committee are Vivian Hay and Nancy Zachariasen. Bo-Gay Tong Salvador is the newly elected Secretary, and Marianne Afifi will continue her role as the Treasurer for the Chapter. Jason Binford assumes the editorial responsibility of OASIS, and Dorothy Fue-Wong will also contribute to OASIS. Eileen Flick continues her excellent job as

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Outgoing Chair's Comments

A Valedictory by the 1996-97 Chair of LACASIS Linda Rudell-Betts

Two, three years ago, we were all being introduced to the World Wide Web. Miraculously, users were unchained from cumbersome UNIX commands and unintelligible Internet addresses. Text, images, sound and video - all available, all the time. By now, it may be safe to say that the ever-expanding Web user base will drive the search for band-width far beyond the expectations any experienced online user may have demanded as she rested the telephone receiver into a 300-baud modem coupler.

My cable company is offering cable access to the Web. We are having a reasoned debate in my household over whether or not to subscribe. I wonder - why faster access? Will I be given tools to digest the information quicker? One by-product of the despised World Wide Wait is time to reflect on what I have read or seen. On the other hand, if I can download audio files or a movie in a few short minutes, why not receive data at 1.5MB per second? And, as an information professional, how much more data can I gather?

The question "how fast?" is being met by telecommunications companies. Software companies are answering the speed question by shortening production cycles - one old calendar year

equals three web years. Band-width and new applications will continue to tumble forth as fast as the market can bear.

The question "what then?" is being met by information professionals. Perhaps it is a slow integration (we ARE talking about a change in human perception of our profession), but over my past year as LACASIS chair, I have been contacted directly by software developers, content providers and other entrepreneurs who have hit upon the LACASIS website. These people have all told me, "Your association represents the kind of people I need for my enterprise." Some of you may have seen subsequent position postings on ASIS-L. As I speak with the entrepreneurs, they are excited about their fortune in discovering us. One may hope their excitement will be perpetuated among their colleagues and competitors, generating an even higher demand for our members' talents and abilities. We will be creating the "what then" tools to digest the twenty-four hour information banquet.

As I end this year of service to the chapter, I thank my colleagues for the opportunity to be front and center at this very exciting time. I'll see you out on the information sky-way.

Tools to Retrieve Information

The afternoon session was devoted to the question of how to organize and search all the data that the high speed connections can carry from place to place. Sue LaChance of InfoSeek Corp. began the session by speaking of the huge amount of information now available on the Web, and the unique challenges it presents to indexers now and in the near future. LaChance, who holds an MLIS and previously worked at Dialog Information Services, argued that web search engines must be more sophisticated than the search systems on commercial online systems.

Because of untrained end-users, lacks of control on web content, and the huge scale of the web, search engines like InfoSeek must take special efforts to return good results. Particularly difficult is thwarting attempts at subverting the index through "spamming". Spammers are web page producers who try to appear high on retrieval lists through various techniques such as "stuffing" onto their pages inappropriate but popular search terms ("Sex" comes to mind). InfoSeek and other search companies have had to adapt to these challenges with secret relevance-ranking algorithms, editorial policies, and human evaluation to supplement their technology. Web users can evaluate InfoSeek for themselves at <http://www.infoseek.com/>

James Rucker, of Imana, Inc., spoke next on combining human and computer efforts in classifying large amounts of unstructured information. His company is developing methods of "collaborative classification", in which judgments from groups of people with similar interests are automatically combined to give structure to large groups of documents. Imana sees this as a way of applying human intelligence to databases that are simply too large and fluid for effective editing and indexing. An example product, named SiteSeer, can be viewed at <http://www.imana.com/>

The day's final speaker, Sue Brewsaugh of McDonnell Douglas Aerospace Co., related her experiences managing a project of making a complex image database accessible over a corporate network. She encouraged corporate librarians and other information professionals to take an active role in developing their organizations' intranets. She pointed out that by some measures intranets are growing even faster than the Internet and create an unusual opportunity for applying the strengths of our profession.

Behind the Scenes

Throughout the day, workshop organizers made random door prize drawings, giving away products donated by sponsors - dictionaries, phone cards, email software. Three lucky early registrants were chosen in drawings for refunds of their registration fees.

Roberta Horowitz, chair of this year's workshop committee, organized a crew of over 20 volunteers to put together the event. She welcomes comments and suggestions for future workshops at rhorowitz@acm.org.

Note

As this issue went to press, ASIS headquarters announced that last year's LACASIS Fall Workshop, "Pictures Talk: Interactive Multimedia on the Web," won the Chapter Event of the Year Award!



CHAIR'S COMMENTS *from page 5*

the LACASIS web administrator. Charles Phelps takes over membership records in addition to membership recruiting, and Dorothy McGarry continues her work in membership retention. Karen Howell, as the past past-chair, will be responsible for nomination come next spring, and Michele Speck will organize the election. Sandra Tung will head the awards committee; Linda Adams, as a Member-at-Large, and Linda Rudell-Betts as the past-chair, will provide their valuable experience for the chapter.

Though the chapter year has barely started, we already have several programs in place. The Annual Fall Workshop took place on September 19 at the City of Industry Sheraton Hotel. As usual, it was a great success. On November 11, the Awards Dinner will honor Dr. Christine Borgman as the recipient of the 1997 LACASIS Contributions to Information Science Award. The dinner will take place at the Olympic Collection in Los Angeles. On December 16, the annual joint LACASIS/SLA Holiday dinner will again be held at the Athenaeum at CalTech in Pasadena. Details for these two programs can be found in this issue of OASIS and on our web site. I look forward to meeting many of our members at the coming programs.

At press time, we have just learned that our 1996 Fall Workshop won the "Chapter Event of the Year" award from ASIS, and Vivian Hay is the winner of the "Chapter Member of the Year"! Both will be honored at the ASIS Annual Conference in Washington, D.C. in early November. This is a great chapter! It is great because it has members who are willing to volunteer and contribute their talents, energy, and time. The Advisory Board is always looking for new blood to join us, so if you are interested, please contact me at:

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Fall Workshop Exhibitors and Sponsors

LACASIS would like to thank the sponsors and exhibitors at the 1997 Fall Workshop.

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Christine Borgman *Receives Double Honors*

Longtime LACASIS member Dr. Christine Borgman has been selected to receive the chapter's 1997 Award for Contributions to Information Science. The award is a recognition by her colleagues of her leadership and her contributions to the field.

Soon after the LACASIS board had chosen Dr. Borgman for the award, the University of California announced her appointment to a prestigious endowed professorship. In fact, according to a UCLA news release, the Presidential Chair in Information Studies was established "specifically in honor of Borgman's distinguished career and in recognition of the growing importance and interdisciplinary nature of her field." She will fill the chair for five years.

In addition to teaching in the UCLA Department of Library and Information Science, and completing service as chair of that department for the last two years, Borgman is a visiting professor for the Department of Information and Library Studies at Loughborough University in Leicestershire, England. Her research work has involved digital libraries and human-computer

interaction. Recently she has studied policy issues relating to information technology in Central and Eastern Europe, entailing travel to Croatia, Czech Republic, Hungary and Slovenia. She has published extensively and been active in numerous professional organizations in addition to ASIS.

Dr. Borgman will accept her award and be the featured speaker at the LACASIS awards dinner on November 11th, at the Olympic Collection in West Los Angeles. For more information, see the LACASIS website at <http://www.usc.edu/Library/LACASIS>

Other Recent Recipients of the LACASIS Contributions to Information Science Award

- 1996 Barbara Quint, *Searcher Magazine*
 - 1995 Marcia Bates, University of California at Los Angeles
 - 1994 Clifford Lynch, University of California
 - 1993 Donald Lamberton, Australian National University
 - 1992 William Paisley, Knowledge Access
- (affiliations shown were current at the time of the award)

Research Award from CARL *Chapter Members Win!*

LACASIS members Lucy Wegner and Marianne Afifi have been awarded the 1997 CARL Research Award. CARL, the California chapter of the Association of College and Research Libraries, established the award to encourage CARL members engaged in research and publication efforts.

The title of their research project is "Success Factors for Technology Management in California Academic Libraries". At OASIS's request, Marianne provided the following summary description:

Problem Statement

One of the most difficult areas to manage in today's academic library is the technology or systems department, including:

- Establishing a system that responds to user needs quickly and efficiently
- Finding an appropriate staffing mix of librarians and computer professionals (or "hybrids")
- Continuing education for staff (keeping current)
- Public relations within the library to ensure adequate funding and priority for technology projects
- Hiring and retaining qualified and motivated staff
- Establishing an organizational structure that contributes to productivity and encourages professional excellence

The authors intend to explore if there are lessons that can be learned from successful technology operations that could be applied to a wide range of libraries. Is every situation unique, or are there principles that can be generally applied?

Objectives

- Short term — determine how technology is being managed in California academic libraries
- Long term — select exemplars of "best practice" and develop "how-to guidelines" (cookbook) for other institutions

Methodology

The authors view this topic as a multi-year, multi-stage research project. They anticipate publishing interim and partial findings and results as a work in process, leading potentially to a monograph in 2-3 years.

- Literature review-review recent (past 3 years) literature in technology management both within and outside libraries. Develop bibliography of especially relevant materials.
- Survey-survey administrators at California academic libraries to determine managerial structure, rapidity of change, staffing and funding. Ask respondents to indicate which institutions they view as being successful in managing technology. From responses choose institutions for site visit and further analysis.
- Focus groups and presentations-at the 1998 CARL Annual Conference and other California conferences, convene

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Members in the News

Marianne Afifi and **Lucy Wegner** have been awarded the 1997 CARL Research Award. (Please see the article on page 8.)

Christine Borgman has been awarded the 1997 LACASIS Award for Contributions to Information Science. The University of California system also appointed her to the Presidential Chair in Information Studies. (Please see the article on page 8.)

Michele Brown has published "The Field of Information Policy: Fundamental Concepts" in *The Journal of Information Science*, v.23, no.4, pp.261-75. **Joseph Busch**, of the Getty Information Institute has been Technical Program Chair for the ASIS 1997 Annual Meeting. Also serving on the program committee for the annual meeting have been **Judy Gerber**,

Karen Howell, and **Stephen Toney**. Toney is also Sessions Coordinator for the meeting. Overseas member

Brigitte Endres-Niggemeyer, presented "Intelligent Scalable Text Summarization" at the ACL Conference Workshop in Madrid, July 11, 1997. Her paper 'Professional Summarizing: No Cognitive Simulation without Observation', in co-authorship with Elisabeth Neugebauer, has been accepted by JASIS and is scheduled for the November issue. **Zorana Ercegovic's**

"The Interpretation of Library Use in the Age of Digital Libraries: Virtualizing the Name," appeared in *Library Information Science*, v.19, no.1. **Vivian Hay** has won the 1997 ASIS Chapter-Member-of-the-Year Award. This honor recognizes contributions at the local level, and is awarded by a jury of ASIS members based on nominations from each chapter.

Rose Kattlove announces the relocation of the offices of Kattlove & Associates to 1427 N. Beverly Dr., Suite 200, Beverly Hills, CA 90210. ASIS national election results show

Ray Larson was elected Director-at-Large. The other positions, voted on this summer, were filled by ASIS members beyond our chapter. President Elect is Candy Schwartz. An additional Director-at-Large is Pat Molholt. **Barbara Quint** is a member of the Organizing & Review Committee for the conference *Internet Librarian '97*. She is also a moderator of two panel sessions and a co-leader, along with **Sandra Tung** of a workshop titled "Information Industry Executive Briefing."

Margie Hlava is presenting at the session "Virtual Processes for Virtual Services: Classification & Data Transfer," at *Internet Librarian '97*. **Alan T. Schroeder, Jr.**, reviewed the book *Data Mining with Neural Networks: Solving Business Problems from Application Development to Decision Support*, by Joseph P. Bigus. The review appeared in the *Journal of the American Society for Information Science*, September 1997, pp. 862-863.

Have you been in the news yourself? Or spotted a LACASIS colleague's name in print? Please submit information for this section of OASIS by sending it to Jason Binford. Contact information appears on p.2 of this issue.

Calendar

Plan ahead with this selective look at events of interest in the near and distant future.

November 1-6 ASIS 1997 Annual Meeting. Washington, D.C. Digital Collections: Implications for Users, Funders, Developers and Maintainers." Contact: ASIS headquarters, (301) 495-0900. <http://www.asis.org/>

November 11 6:00 p.m.-9:00 p.m. LACASIS Awards Program. The Olympic Collection, 11301 Olympic Blvd., Los Angeles. Prof. Christine Borgman will be the speaker. Contact: Jason Binford, binford@netcom.com <http://www.usc.edu/Library/LACASIS/>

November 15-18 CLA (California Library Association) 1997 Annual Conference. Pasadena. Contact: CLA, (916) 447-8541, info@cla-net.org <http://www.cla-net.org/>

November 16-19 Internet Librarian '97. Monterey, CA. Contact: Information Today, Inc., (609) 654-6266, custserv@infotoday.com <http://www.infotoday.com>

November 22 Literacy on Parade. Pasadena. Author sessions, book sale, award presentation. Contact: Nancy Kohn, (415) 692-2350.

December 9-11 Online Information. London, U.K. 16,000 attendees expected! Contact: Learned Information Europe, tel: 011-44-1865-388-000 <http://www.learned.co.uk>

December 15-17 Conference on Scientific and Technical Data Exchange and Integration. Bethesda, MD. Sponsored by U.S. National Committee for CODATA. Contact: Paul F. Uhler, (202) 334-2421, codataco@nas.edu.

December 16 6:00 p.m.-9:00 p.m. Holiday Program. CalTech Athenaeum, Pasadena. Jointly sponsored by LACASIS and the Southern California Chapter of the Special Libraries Association. Contact: Delia Blanquart, blanquart@msn.com. <http://www.usc.edu/Library/LACASIS>

February 12-14 1998 Joint Meeting of MLGSCA and NCNMLG (Medical Library Group of Southern California and Arizona and the Northern California and Nevada Medical Library Group.). Tucson, AZ. Contact: Fred Heidenreich, fredh@u.arizona.edu. <http://ahsl.arizona.edu/infinitevistas>

May 1998 ASIS 1998 Mid-Year Meeting. Orlando, FL [Tentative!] "Collaboration across Boundaries: Theories, Strategies and Technology." <http://www.asis.org/Conferences/MY98call.html>

May 12-14 1998 National Online Meeting & IOLS '98. New York, NY. <http://infotoday.com/>

May 17-20 1998 Information Resources Management Association International Conference. Boston, MA. "Effective Utilization and Management of Emerging Information Technologies." <http://www.hbg.psu.edu/Faculty/mlk/IRMA.html>

June 6-11 1998 Special Libraries Association Annual Conference. Indianapolis, IN. <http://www.sla.org/>

June 23-26 1998 Digital Libraries '98 - The Third ACM (Association of Computing Machinery) Conference on Digital Libraries. Pittsburgh, PA. <http://www.acm.org/>

June 25 - July 2 1998 ALA (American Library Association) Annual Conference. Washington, D.C. <http://www.ala.org/>

July 11-16 1998 AALL (American Association of Law Libraries) 91st Annual Meeting. Anaheim, CA. <http://www.aallnet.org/>

August 25-29 1998 Fifth International Conference of The International Society for Knowledge Organization. Lille, France. "Structures and Relations in Knowledge Organization" Contact: isko.conf@univ-lille3.fr

October 12-14 1998 Online World Conference & Expo. Washington, D.C. <http://www.onlineinc.com/>

October 25-29 1998 ASIS Annual Meeting. Pittsburgh, PA. "Information Access in the Global Information Economy." <http://www.asis.org/Conferences/AM98call.html>

(310) 276-7717

E-mail: hkattlove@AOL.com

KATTLOVE & ASSOCIATES

Information and Records Management

1427 N. Beverly Drive, Suite 200
Rose Kattlove, MLS, CRM Beverly Hills, CA 90210

Upcoming Chapter Programs

Holiday Program

Watch for coming announcements with more information on the joint annual holiday program for LACASIS and the Southern California Chapter of the Special Libraries Association.

Date: Tuesday, December 16, 1997
Time: 6:00 - 9:00 p.m.
Location: The Athenaeum
California Institute of Technology
Pasadena
Speaker: Adriana C. Ocampo Uria

Adriana C. Ocampo Uria is a geologist with the Jet Propulsion Laboratory. She worked in the Viking mission to Mars as part of the Imaging team and was involved in sequence planning and data analysis of Mars images. During the Voyager mission to the outer planets Ocampo worked on the navigation and mission planning team. She also worked in the JPL Multi-mission Image Processing Laboratory where she developed an expertise in image processing applied to Earth and planetary remote sensing.

Ocampo is currently working in Flight Projects Mission Operations as the science coordinator to the Near Infrared Mapping Spectrometer (NIMS), an instrument which is part of the Galileo mission to Jupiter. She also worked in the Mars Observer Project as the Thermal Emission Spectrometer (TES) instrument science representative.

In geological research, Ocampo was the first scientist to recognize that a ring of sinkholes or "cenotes" found in the Yucatan peninsula was related to a buried impact crater (Chicxulub crater). It is believed that the Chicxulub impact helped cause the extinction of the dinosaurs at the end of the Cretaceous period 65 million years ago. Ocampo is a member of a scientific consortium between Mexico and the USA to study the origin of the Chicxulub feature. She was also given a NASA grant to continue her research on the effects the impact had on the Earth's biosphere and how it relates to the extinction.

Ocampo was recently selected as a co-investigator in the Hermes mission to explore the planet Mercury. Hermes is part of NASA's Discovery Program, a new breed of low-cost NASA planetary missions.

She is a student pilot and has applied to become a Space Shuttle mission specialist.

Registration and other detailed information on this fascinating holiday program will be coming to your mailbox and to our website: <http://www.usc.edu/Library/LACASIS>

Annual Awards Program

Dr. Christine Borgman, winner of the LACASIS Contributions to Information Science Award for 1997, will be the featured speaker on November 11. The title of Dr. Borgman's talk is "Access to Information in the Networked World: Some Refelctions from the Research Front."

See page 15 for registration and program details.

Meet the Board

LACASIS Board meetings are open to any member who wishes to attend. We usually meet on the first Saturday morning of each month. The location varies, so contact Dudee Chiang, the current Chair, for details and directions if you would like to join us. Contact information is on page 2.

Call for Papers

International Journal on Digital Libraries Special Issue on User Interfaces for Digital Libraries Guest Editors: Joseph Busch and Isabel Cruz

As digital libraries reach an increasingly wide variety of users that need to locate, extract, display, and summarize information, there is a growing need to provide effective user interfaces that can support these activities.

This special issue addresses the challenges in designing and building user interfaces for digital libraries. These challenges relate to the multimedia nature of the information, the amount of the information to be accessed and processed for presentation, the distinct functionalities expected by users ranging from naive to sophisticated, and the diversity of the applications and of the capabilities of the output devices. Topics of interest, include, but are not limited to:

New Interface Capabilities

- Interfaces for searching, browsing, and filtering information
- Access to multimedia collections such as image, audio, and video archives
- Interfaces for information retrieval, clustering, classification, and data mining of large collections
- Information visualization
- Web-based interfaces
- Tailorable user interfaces
- Spatial and temporal layout of information

Applications

- Scaling to very large collections
- Interfaces for education, geographical information systems, art collections, and medicine
- Bibliographic and classification system based interfaces
- Interfaces for collection development and maintenance
- Collaborative interfaces and interfaces which support group work

User Studies

- Field studies of working systems
- Methodology and evaluation techniques
- User models, plan recognition, and task support
- Educational and social impact of interfaces to digital libraries

We invite the submission to the special issue of manuscripts describing new and original research. The deadline for submission is December 15, 1997. Electronic submissions (in the form indicated below) or hard copy submissions (five copies) can be sent to one of the editors:

Joseph A. Busch
Standards and Research Projects
Getty Information Institute
1200 Getty Center Dr., Suite 300
Los Angeles, CA 90049 USA
jbusch@getty.edu
Tel: +(310) 440-6343
Fax: +(310) 440-7715
<http://www.gii.getty.edu/>
Formats: PDF, MS Word, or HTML

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ifc@cs.wpi.edu
Tel: +(508) 831-5357
Fax: +(508) 831-5776
<http://www.cs.wpi.edu/People/faculty/ifc.html>
Formats: Postscript or HTML

Call for Referees

Both the contributed papers coordinator and the SIG sessions coordinator need volunteers to act as referees, reviewing either contributed papers or SIG/panel session proposals for inclusion in the 1998 Mid Year Program, "Collaboration Across Boundaries: Theories, Strategies and Technology" to be held in May 1998.

Your role would be to review papers or proposals and to provide input to the coordinators — the majority of the review work will take place in November and December.

We are looking for people with varied ASIS experience, from those new to ASIS to those who have been members for many years. Please provide a brief description of your background and areas of interest/expertise so that we can match you with papers that will be of most interest to you.

If you are interested in serving on one of the referee committees, please contact the appropriate coordinator listed below (and let us know if you will be attending the upcoming Annual Meeting in Washington, DC).

For the contributed papers referee committee, please contact Barbara Wildemuth at wildem@ils.unc.edu (or 919-962-8072). For the SIG/panel sessions referee committee, please contact Kris Liberman at kris.liberman@ey.com (or 617-761-4011).

Thank you for your interest in making the 1998 ASIS Midyear Meeting a success!


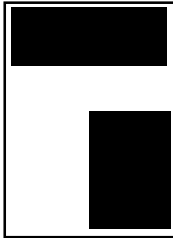
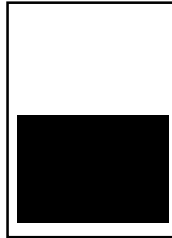

Barbara Wildemuth
 Diane Sonnenwald
 Kris Liberman
 MY98 Conference Co-Chairs

CARL AWARD *from page 8*

informal groups to talk about technology management so as to better understand the concerns and challenges.

- Site visits-visit exemplary institutions in both Northern and Southern California to perform in-depth analysis of technology management practices.

For more information about the CARL Research Award please see <http://www.carl-acrl.org/Awards/RAcriteria.html>

<h1 style="font-size: 2em; letter-spacing: 0.5em;">oasis</h1> <h2 style="font-size: 1.2em;">Display Advertising Rates</h2> <p>Advertise in OASIS, the journal for LA's Information Professional. Each ad runs for one volume (4 issues). For more information, please contact: Louisa Toot (626) 395-3408</p>	 <p>Business Card \$100.00 3.68" W x 2.43" H</p>	 <p>Quarter Page \$140.00 7.5" W x 2.43" H or 3.68" W x 4.93" H</p>	 <p>Half Page \$250.00 7.5" W x 4.93" H</p>	 <p>Full Page \$385.00 7.5" W x 10" H</p>
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Computer Hard-Drive Out of Space?

If you wait a few years, you can probably afford a bigger one. Much bigger.

Steve Gilheany, instructor for a UCLA

Extension course on document

imaging, recently posted the following

informa-tion on several Internet

distri-bution lists, including Public-

Access Computer Systems Forum

(PACS-L). OASIS took up Mr.

Gilheany's suggestion to reprint data

from his posting and from his web site,

<http://www.ArchiveBuilders.com>

Thanks to Mr. Gilheany for this data.

He encourages comments. In his

listserv posting he wrote, "please

email me your comments. If you

receive questions on the accuracy or

applicability of these estimates or

have questions yourself, please email

me" at [SteveGilheany@Archive](mailto:SteveGilheany@ArchiveBuilders.com)

Builders .com

(And feel free to send OASIS a copy.

Please see p.2 of this issue for contact

information.)

Projection of the Price of Magnetic Disk Storage

Based on the current rate of decline *1

Year	Cost to Store 1 TeraByte / 2 thousand file cabinets	Cost to Store 50 GigaBytes / 1 million scanned pages	Cost to Store 50 MegaBytes / 1 thousand scanned pages	Cost to Store 50 KiloBytes / one scanned page
1994	\$1,000,000.00	\$50,000.00	\$50.00	\$0.05
1995	\$400,000.00	\$20,000.00	\$20.00	\$0.02
1996	\$160,000.00	\$8,000.00	\$8.00	\$0.01
1997	\$64,000.00	\$3,200.00	\$3.20	\$0.003
1998	\$25,600.00	\$1,280.00	\$1.28	\$0.001
1999	\$10,240.00	\$512.00	\$0.51	\$0.001
2000	\$4,096.00	\$204.80	\$0.20	\$0.0002
2001	\$1,638.40	\$81.92	\$0.08	\$0.0001
2002	\$655.36	\$32.77	\$0.03	\$0.00003
2003	\$262.14	\$13.11	\$0.01	\$0.00001
2004	\$104.86	\$5.24	\$0.01	\$0.00001
2005	\$41.94	\$2.10	\$0.002	\$0.000002
2006	\$16.78	\$0.84	\$0.001	\$0.000001
2007	\$6.71	\$0.34	\$0.0003	\$0.0000003
2008	\$2.68	\$0.13	\$0.0001	\$0.0000001
2009	\$1.07	\$0.05	\$0.0001	\$0.0000001
2010	\$0.43	\$0.02	\$0.00002	\$0.00000002
2011	\$0.17	\$0.01	\$0.00001	\$0.00000001
2012	\$0.07	\$0.003	\$0.000003	\$0.000000003
2013	\$0.03	\$0.001	\$0.000001	\$0.000000001
2014	\$0.01	\$0.0005	\$0.0000005	\$0.0000000005
2015	\$0.004	\$0.0002	\$0.0000002	\$0.0000000002

1 The current rate of decline in magnetic disk storage costs is based on prices over the last eight years. IBM's magnetoresistive head technology (that underlies IBM's influence on disk prices), has been increasing the areal bit density of magnetic disks at a rate of 60 percent per year since 1989. IBM projects that the 60 percent rate will continue for the foreseeable future*. IBM's laboratory results confirm this rate until at least the year 2000. And, while costs are decreasing, reliability has increased to a disk drive MTBF (Mean Time Between Failures) of 1,000,000 hours.*
(*Source: The Era of Magnetoresistive Heads, Ed Grochowski, IBM Research Division, Almaden Research Center, San Jose, CA., 1994)

Computer Storage Requirements by Document Type

1 wordprocessor or OCR'ed (Optical Character Recognition) page = 5 KiloBytes ■ 1 scanned page (8 1/2 by 11 inches) (CCITT G4 compressed) = 50 KiloBytes (on average) ■ 1 hour audio = 10 MBytes (dictation, answering machine) to 500 MBytes (a CD holds 74 minutes of music) ■ 1 roll of 16 mm microfilm (100 ft) = 2,500 letter size images = 125 MegaBytes ■ 1 file cabinet (4 drawer) (10,000 pages on average) = 500 MegaBytes = 1 CD ROM ■ 1 hour compressed color video = 2 GigaBytes (DVD, MPEG 2) (image quality dependent)

1 KiloByte =~ 1,000 Bytes (~ about) ■ 1 MegaByte =~ 1,000 KBytes ■ 1 GigaByte =~ 1,000 MBytes ■ 1 TeraByte =~ 1,000 GBytes

LACASIS

Los Angeles Chapter of the American Society for
Information Science

Dr. Christine Borgman

*"Access to Information
in the Networked World:
Some Reflections from the
Research Front"*

Dr. Christine Borgman, winner of the LACASIS

Contributions to Information Science Award for 1997,

will be the featured speaker. Dr. Borgman was recently

appointed to the University of California's

Presidential Chair in Information Studies. The

endowed chair was established in honor of her

distinguished career and in recognition of the growing

importance and interdisciplinary nature of her field.

Her research interests lie in the areas of human-

computer interaction, digital libraries, and scholarly

communication.

(From the UCLA press release, August 15, 1997)

Annual Awards Program. November 11, 1997

Time 6:00 pm Hospitality Hour
7:00 pm Dinner
8:00 pm Presentation

Speaker Dr. Christine Borgman

Place Olympic Collection
11301 Olympic Blvd., Ste. 204,
Los Angeles, CA 90064
Phone: (310) 575-4585

Cost \$24 LACASIS Members
\$28 Non-members
\$18 Student, Retired, or Unemployed

Menu Buffet dinner includes green salad, penne pasta prima vera,
chicken with wild mushroom sauce, vegetables, rice pilaf, rolls,
dessert, & coffee.

Parking Complimentary parking in underground structure.

**Registration
Deadline** Tuesday, November 4, 1997.
To register, please send this form and your check payable to
LACASIS to:

Jason Binford
P.O. Box 24083
Los Angeles CA 90024-0083
310 397-2259 (binford@netcom.com)

Registration form also available on the LACASIS website -
<http://www.usc.edu/Library/LACASIS>

Name _____ **Check here if LACASIS member** _____

Affiliation _____ **Daytime Phone** _____

Address _____

City/State/Zip _____

I enclose for registration \$ _____

I enclose an additional \$ _____ **to help sponsor LACASIS student activities.**

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when there's
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