Into the Future -- Together

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On behalf of the staff of the Fondren Library, I would like to welcome you back to campus. Over the past several months, library staff have continued their hard work to move library services forward by developing our concept of the Fondren Library of the future.

Throughout the literature of higher education and many disciplines, “the library without walls” is a term that is frequently used. This term is interpreted differently by many groups. At Rice University, we are calling our library without walls the Virtual Fondren.

The Virtual Fondren

This past spring, a group of librarians and computing professionals prepared a planning document that describes how the Virtual Fondren will contribute to the educational and research mission of Rice University. They also proposed an implementation plan. Certain assumptions guided their work:

- The use of electronic resources by scholars will require more of a paradigm shift for those in the social sciences and humanities, requiring library staff to provide extensive support and training to library users.
- Ultimately we will be providing images and video electronically, which will require the availability of high-level workstations on campus. For now, multiple hardware platforms will be supported, since all faculty and students will not have access to high-level workstations.
- The Rice University campus will provide network connections in all buildings and most, if not all, classrooms and offices. This is a high priority goal for the campus. Significant progress will be made during the current academic year, which Tony Gorry (Vice President for Graduate Studies, Research, and Information Systems), has dubbed “The Year of the Network.”
- Resources will be accessible in several formats including: paper in the library; on CD-ROM at the library or on a network; through the network on local magnetic media; or by access to remote sites through the network.

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Initiatives Underway

Several articles within this issue of News From Fondren will describe aspects of the Virtual Fondren that have been implemented to date, including those resources and databases accessible via the RiceInfo system and at LIBRIS terminals within the library, the geographic information system in Government Publications, and our new Electronic Reserve service.

As we move forward with implementing the Virtual Fondren, we will ask for your advice on future directions and we will keep you informed.

Fondren Library Objectives for 1993/1994

In our continuing effort to provide excellent service and support to the university community, our plans for the upcoming year are described below. These objectives were prepared by the Fondren Library staff and incorporate feedback we have received from a variety of campus groups, faculty, and results from the user survey administered in the spring of 1992.

Please feel free to contact me if you have other concerns. What follows are some of our objectives for FY94:

Access to Information

- Refine and complete development of the Virtual Fondren proposal and add new electronic resources as our budget permits.
- Continue to refine RiceInfo.
- Continue to extend library local area networks so that electronic information resources are accessible from any library workstation.
- Continue active participation in campus electronic studio projects.
- Continue to review and process the gifts backlog and implement appropriate recommendations of the Gifts Task Force as budget permits.
- Evaluate the expedited interlibrary loan document delivery pilot project conducted in FY93 and implement an appropriate service that will improve the speed at which interlibrary loan materials are processed and received.

Collection Management

- Improve communication between faculty and students and collection development librarians through scheduling annual orientations, individual meetings, and focus group discussions to consider budget, selection procedures, statistics, staffing and policies.
- Strengthen the faculty liaison program by outlining more specific roles and duties for the liaisons and improve communication with the liaisons by meeting with them more frequently.
- Clearly define selection policies and procedures for audiovisual and electronic information resources.
- Continue to process the serials binding backlog.

Library Public Services

- Plan and implement a regular schedule of library service evaluations.
- Develop a thorough training program for those who staff the front entrance.
- Work collaboratively with staff in CS (Computing Services) and NS (Networking Systems) to develop and staff a centralized telephone and electronic information/help center for the campus and implement appropriate staffing changes in the library.

Library Facilities

- Implement new security procedures at the front entrance insuring that adequate publicity and information is distributed in advance.
- Complete the program document for the expansion of library facilities at Rice University and, if approved, begin raising funds.

Administrative Support Services

- Complete a development plan outlining sources of outside funding and strategies to raise funds to support the acquisition of library materials and new technologies.
- Implement a new performance planning and appraisal system for Fondren Library staff.
- Work with the publications staff in CS to develop cooperative publications and to market electronic information products and services.
- Publicize the Fondren Library Gifts and Memorials program with faculty and staff on campus.
- Implement joint training and development programs for staff in the library and CS.
- Review the library’s organizational structure and implement appropriate changes that respond to current programmatic and operational needs.
Remarkable Resource: RiceInfo

RiceInfo has become a truly useful source for your day-to-day information needs. This Campus Wide Information System (CWIS), which you can access seven days a week from your home or office, provides information for research and class preparation as well as for recreational interests. The broad range of materials now available in RiceInfo include library catalogs, indexes to scholarly and general literature, electronic books and journals, full text information such as the U.S. Census, and graphics.

Library Catalogs

Library catalogs often are the first remote computer resource used by scholars in their research. If LIBRIS does not list a book or serial as owned by Fondren Library, RiceInfo now makes it easy to determine if other libraries in the region, elsewhere in the country, or even the world, own the resource.

Library catalogs available on the Internet are listed in the RiceInfo main directory under "Library Services." Some catalogs, e.g. the University of Houston, the Library of Congress (LOCIS), and Texas A & M University, are separate menu items under the heading "Other library catalogs."

Most catalogs, however, must be accessed via the Yale Collection of Online Catalogs which is an index of catalogs on the Internet. Resources in the Yale Collection are divided geographically and include catalogs from universities, colleges, consortiums, and special libraries. For example, to reach the catalog of Johns Hopkins University, it is necessary to click and choose through several geographical headings until the list for the state of Maryland appears on screen.

In addition, the Yale Collection provides a search-by-keyword option -- a helpful option used to locate a specific library's catalog when the geographic location of the library is unknown.

Menu options for library catalogs contain an information document which can provide useful material about the types of resources included, publication periods, hours, and search protocol. When signing on to a catalog it is important to read the brief introductory screen that will appear just before you access the catalog. Most libraries place information on guest passwords and exit commands on the introductory screen.

Literature Indexes

Journal indexes are among the fastest growing resources on RiceInfo. They make it possible to search for journal articles from the convenience of your office, lab, residential college or home. Furthermore, the indexes are available through RiceInfo even when Fondren Library is closed.

Locally Maintained

The first journal index distributed electronically to the Rice University campus was the Current Contents with Abstracts. (Please see News from Fondren Vol. 3, No. 1 for more information.) Fondren Library added three new indexes to RiceInfo this summer. They are Compendex, the Expanded Academic Index, and the Modern Language Association Bibliography.

Compendex is an electronic form of the Engineering Index and will allow you to identify journal articles and conference proceedings published since 1986.

The Expanded Academic Index (EAI) is a general purpose index, covering a wide range of scholarly titles in the humanities, social sciences and natural sciences. It includes general interest titles in computing, and current awareness titles such as Time, the New York Times Review of Books and Chronicle of Higher Education. The EAI allows you to search as far back as 1980.

(cont'd p.4)
Electronic Journals and Newsletters

Electronic journals and newsletters of all types and in a wide variety of subjects are accessible via RiceInfo. Although they may be found through more than one directory, the most complete list is under the "Information by subject area" menu. Select "Literature, electronic books and journals," then select "Electronic serials." While there are over 200 serials on the Internet, a small sample will give you an idea of their broad range of topics.

- Architronic, The Electronic Journal of Architecture is a vehicle for both research and dialogue.
- The Bulletin of the American Mathematical Society is an electronic version of an established print journal.
- The Bryn Mawr Classical Review was established to provide speedy dissemination of reviews of scholarly books eliminating the two to four year wait between a book's publication and its review in the scholarly press. It has been such a success that the editors are planning to publish the Bryn Mawr Medieval Studies Review in the near future.
- Psychology, a newly established refereed journal, includes announcements, preprints, discussions, and "skywriting", a format through which scholars who are beginning a line of research can solicit reactions and ideas from people with similar interests.
- Satellite Journal, a newsletter published by McDonald Observatory at the University of Texas at Austin, is published on a biweekly basis to inform the general public about current events in the night sky.
- Leonardo is a newsletter that includes reviews of art exhibitions as well as news items and a calendar of events in the art world.
- Perhaps the electronic serial of the most interest to the general academic community is Academe This Week, a digest version of the Chronicle of Higher Education which includes news, job listings, fellowship and grant information, and a calendar of meetings and events related to education in Washington, D.C.

The Modern Language Association (MLA) Bibliography is the premier index for literature, languages and linguistics research. It indexes book chapters and dissertations as well as journal articles. You may locate materials published since 1988 on RiceInfo's MLA Bibliography.

When selecting one of these indexes, the system will prompt you to enter keyword(s). You may search by author, title or subject, or you may combine keywords using AND, OR, or NOT.

Resources from around the World

RiceInfo allows you to retrieve material, via the university's Internet connections, from distant locations without any special effort on your part. The additional remote sources for journal articles on RiceInfo are Uncover, FirstSearch, ABI/Inform and Avery Index to Periodicals.

Uncover indexes over 14,000 journals on a variety of subjects. In addition, through the Uncover menu entitled "CARL database services," you will have access to specialized databases such as book reviews and library catalogs, including the Houston Public Library's catalog. (Some of Uncover's services are only available to Colorado residents — Uncover is a product of the Colorado Association of Research Libraries). FirstSearch includes a variety of databases for your use. The databases available on RiceInfo are:

"WorldCat," a central catalog for over 15,000 libraries worldwide, (if you have used a system known as OCLC, "WorldCat" is the same resource now available to you in your office);
"ArticleFirst," an index of over 11,000 journals in all subjects;
"ContentsFirst," a table of contents for those same 11,000 journals;
"ERIC," an index of journals and reports in education;
"PAIS Decade," an index of reports, books and journals in public administration and policy for the last 10 years; and
"SocioAbstracts," an index of journals in sociology that is an electronic version of Sociological Abstracts.

As you peruse FirstSearch and Uncover you will discover that not all journal titles are in each database. While all disciplines are represented, both systems have the strongest collections of journals in the areas of science, medicine, technology and some social sciences.

Both ABI/Inform and Avery Index to Periodicals should be easy for Rice faculty and students to master because the screens are very similar to our own LIBRIS library catalog. The ABI/Inform allows you to locate business material published since 1986; the Avery Index includes architecture and arts materials published since 1977.

Collection Development

These packages of information services have been selected in order to provide remote access to basic information for the widest range of the Rice community. Not all journal indexes are available in a format that can be distributed across the Rice network, or at a price which Rice University can afford.
As new information resources enter the market, Fondren Library's staff will be evaluating them for inclusion on RiceInfo. We welcome input from members of the university community on resources that you would like to see included.

Fondren Library staff will be monitoring demand for the new resources. If you are having difficulty accessing a remote resource such as FirstSearch, please contact the Reference Desk at x5113 or x5119.

**Obtaining Journal Articles**

Just as there is a menu of options for searching the periodical literature, there is a menu of options for obtaining the articles you need. Rice faculty, staff, and graduate students may request articles and books by selecting the RiceInfo "Library Services" menu and then selecting "Request form for Fondren Library services." RiceInfo will ask you to identify yourself and provide your address for delivery.

Fondren Library is committed to using the fastest means possible to obtain your request, including ordering articles from commercial document services. Rice faculty, graduate students and staff may request interlibrary loan service without charge. (Delivery service to faculty and staff offices may require a fee.)

Several of the systems maintained by other organizations will provide copies for a fee. Uncover, ABI/Inform, and FirstSearch will provide copies via fax, overnight delivery and/or standard mail delivery. If you order a copy this way, the system will ask for your credit card number, your name and mailing address.

Before ordering materials, you may want to check LIBRIS. Often the material is in Fondren Library and you can be spared unnecessary fees.

**Full Text Resources**

Many full text sources are easily located in RiceInfo under the main directory option "Information by subject area." Then select the heading "Literature, electronic books and journals" to provide access to a list of books and journals on a variety of subjects. Most books available on the Internet are no longer under copyright. They include such classics as *Aesop's Fables*, the works of William Shakespeare, and books by Arthur Conan Doyle and Lewis Carroll.

Texts of historical documents, including the Bill of Rights and the Magna Carta, are online as are older editions of reference books such as *Roget's Thesaurus* and the *American English Dictionary*. The *Koran*, the *Bible*, and a few other texts can be searched by keyword. The *Acronym Dictionary* is a recently published reference source available online.

Since they are in the public domain, U.S. government publications can be placed online. Among those currently available are the 1990 Census data, the *CIA World Fact Book*, and President Clinton's Inaugural Address. For comic relief or to find jokes to spice up presentations, try the *Wiretap Online Library*.

**Second Annual Friends of Fondren Booksale**

Proceeds to benefit the Fondren Library

Members Preview: November 19, 1993 6-8pm
Open to the Public: November 20, 1993 9am-5pm
November 21, 1993 1-5pm
2407 Times Blvd.
Contact the Friends of Fondren Office at 285-5157 to donate books.
Fondren Library's entrance was redesigned this summer for greater security. Anyone entering Fondren Library without a Rice ID must identify themselves with a photo ID.

Fondren Library recently received a significant donation of opera recordings from the family of Scott Heumann. The 500 compact disks and 1,000 LPs are being processed and will greatly enhance the audio collection of the Brown Fine Arts Library.

Fondren Library received a grant of $65,000 from the Council on Library Resources to support the development of the Humanities Electronic Studio project.

A collection of curriculum materials (for grades K-12) has been moved from the Education Department to the Fondren Library. The materials, which include texts, workbooks, kits and periodicals, will be recorded in LIBRIS and made available to the Rice community through CSI in the basement of Fondren Library.

The Business Information Center in Herring Hall underwent a renovation this summer. A glass partition, installed between the reference and stack areas of the BIC, will promote a quieter environment for students.

(RiceInfo cont'd)

Graphics

Watching a detailed photograph or painting scroll onto your computer screen is exciting, but graphic files can be difficult to access because of hardware and software limitations. LIBRIS+ computers in the Fondren Library reference area can display some graphics.

Graphics that are accessible through RiceInfo currently include photographs from the Smithsonian (under the Arts section in "Information by subject area," satellite images (under Astronomy and Astrophysics), children's art (under Education), and weather maps (under "Weather" in the RiceInfo main menu).

If you have appropriate software on your personal computer, you may be able to access the graphics at your desk. For information on what you need, contact the Consulting Center in the Mudd Building at x4983.

Assistance with the New Tools

The librarians at Fondren Library's Reference Desk are available to assist you with any of the new electronic tools. Call us (x5113) or use the Fondren Library Reference Question form (which is located within the "Requests form for Fondren Library services" menu) to send us a message electronically. Also user guides for the indexes are available through RiceInfo, the Fondren Library and the Consulting Center.

You can request other library services using RiceInfo. The same menu ("Request form for Fondren Library services") will offer you options to recall items currently checked out to another person, to place material on course reserve, and to request information about and retrieval of material from storage. The same menu contains an interlibrary loan request form and the forms for Fondren Express, the campus document delivery service.

An audiovisual services form is located under the "About Fondren Library" menu. Each of the services may reduce the time and effort involved in acquiring the information you need.

In conclusion, the Fondren Library staff encourages you to take a look at RiceInfo. RiceInfo changes daily as new resources are added locally and at institutions around the globe. Fondren Library adds necessary standard, scholarly resources while specialized information is added by groups on the Rice campus and at other college and university locations.

Please take a few minutes to explore RiceInfo. You'll find the system to be an effective and efficient research tool.

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Jane Segal
Social Sciences Librarian
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Seeing Information through Maps

Students looking for a different way to explore information can point and click their way around electronic maps using a new service in Fondren Library. The geographic information system (GIS), allows the researcher to analyze spatial data and to present the results of research in effective new ways.

Origin of the GIS Service

The GIS software is provided to Rice University through a program sponsored by the Association of Research Libraries in conjunction with the Environmental Systems Research Institute (ESRI). Fondren Library is one of 60 libraries experimenting with the development of GIS as an effective addition to the scholar’s tool kit.

Each participant in the program receives ArcView software, world and regional data, as well as technical advice and support from ESRI. The U.S. data sets are drawn from the most recent population and economic censuses. The world data sets include demographic, economic and environmental information for the world’s nations.

Use of the GIS Software

Rice students can use the ArcView software to support academic work. Students are able to research a variety of economic, social, or environmental data and analyze the relationships between these factors. Students can generate graphic presentations in support of their hypotheses and incorporate them into their assignments.

GIS systems allow for sophisticated analysis and representation of the data being scrutinized. The scholar can direct the system to display a factor only when it meets certain criteria or when it exists in combination with other data. Or the scholar may choose to display several factors in order to display relationships between them, or to vary the measure applied to each of the factors.

Furthermore, the scholar can tailor the presentation of information. The user may choose colors, fonts, type styles and labeling — all in order to more fully convey the results of your data analysis.

Finally, exposure to the ArcView software provides experience with a current technology that students may encounter in work settings.

Where Can You Find the GIS?

The ArcView software is currently supported on a workstation located in the Government Publications department in the basement of Fondren Library. Because of the complexity of this tool, you are asked to contact Government Publications (285-5483 or x2587) to schedule an appointment to use the GIS software.

Kerry Keck
keckker@ricevml.rice.edu

Library Exhibit Schedule 1993-1994

<table>
<thead>
<tr>
<th>Month</th>
<th>Theme</th>
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<tr>
<td>August</td>
<td>Fondren Library 1912 - 1993</td>
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<tr>
<td>October</td>
<td>Rice University Presidents</td>
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<td>December</td>
<td>Toys</td>
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<td>January</td>
<td>Rice University Authors</td>
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<td>February</td>
<td>Black History</td>
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<tr>
<td>March</td>
<td>National Library Week</td>
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<td>April</td>
<td>Graduation</td>
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<tr>
<td>Summer</td>
<td>National Parks</td>
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Map produced using ArcView software.
Electronic Reserve Room

This fall some Rice University students will be able to complete their reserve reading from selected computer workstation connected to the campus network. A pilot Electronic Reserve project has been developed over the summer for five courses, MATH 211, BIOS 101, BIOS 210, SOCI 301 and SOCI 325.

The courses chosen for the pilot have had high reserve use in the past, and have included a variety of materials placed on reserve. Additionally, faculty teaching the classes were willing to participate in the project.

The reserve materials that receive the heaviest use are homework and test solutions. In the traditional reserve setting, the materials are put in looseleaf binders and the answers are added throughout the semester. In Electronic Reserve, these materials will be scanned into "virtual" class notebooks. The "virtual" notebooks will be available within a few hours of the receipt of current answers or solutions.

One benefit of Electronic Reserve is that the reserve materials are available twenty-four hours a day on campus workstations connected to the campus network. Another benefit is that multiple students can use one copy of a work simultaneously. Students will be able to generate paper copies of materials as well as view them online.

The pilot project will explore the use of paper reserve in comparison with use of the electronic format. Since some copyrighted material is scanned into the "virtual" notebooks, project planners will analyze how best to comply with copyright regulations as they apply in the electronic reserve environment.

In the spring semester, additional classes will be added to Electronic Reserve. Eventually Fondren Library hopes to offer this enhanced access to all courses and students using reserve materials.

Kay A. Flowers
Asst. University Librarian
and Head of Library Technology
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Regular Hours
August 23, 1993 - December 14, 1993 and January 9, 1994 - April 21, 1994

Monday - Thursday: 7:45 am -- 1:00 am
Friday: 7:45 am -- 10:00 pm
Saturday: 9:00 am -- 10:00 pm
Sunday: 12:00 noon -- 1:00 am

Library hours are modified during the following periods.

Freshman Week
Monday, August 16 - Sunday, August 22

Labor Day Weekend
Friday, September 3 - Monday, September 6

Fall Midterm Recess
Friday, October 8 - Monday, October 11

Thanksgiving Recess
Wednesday, November 24 - Friday, November 26

Final Exams Schedule
Friday, December 3 - Tuesday, December 14

Christmas and New Year's Holidays
Wednesday, December 24 - Saturday, January 8, 1994

Spring Midterm Recess
Friday, February 25 - Saturday, March 5

Spring Recess
Thursday, March 31 - Sunday, April 3

Final Exams Schedule
Friday, April 22 - Wednesday, May 4

Please call 527-4800 for information.
Library hours are subject to change.
# Library and Department Liaisons

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<tr>
<th>Academic Department</th>
<th>Library Specialist</th>
<th>Liaison</th>
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<tr>
<td>Anthropology</td>
<td>Jane Segal (<a href="mailto:segal@ricevml.rice.edu">segal@ricevml.rice.edu</a>)</td>
<td>James Faubion</td>
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<tr>
<td>Architecture</td>
<td>Jet Prendeville (<a href="mailto:jetp@ricevml.rice.edu">jetp@ricevml.rice.edu</a>)</td>
<td>Spenser Parson</td>
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<tr>
<td>Art History</td>
<td>Jet Prendeville (<a href="mailto:jetp@ricevml.ric.edu">jetp@ricevml.ric.edu</a>)</td>
<td>Joe Manca</td>
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<td>Biochemistry</td>
<td>Robert Sabin (<a href="mailto:sabin@ricevml.rice.edu">sabin@ricevml.rice.edu</a>)</td>
<td>Janet Braam</td>
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<td>Chemical Engineering</td>
<td>Robert Sabin (<a href="mailto:sabin@ricevml.rice.edu">sabin@ricevml.rice.edu</a>)</td>
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<td>Chemistry</td>
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<td>Civil Engineering</td>
<td>John Hunter (<a href="mailto:hunter@ricevml.rice.edu">hunter@ricevml.rice.edu</a>)</td>
<td>Panos Dakoulas</td>
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<td>Classics</td>
<td>Sandi Edwards (<a href="mailto:edwards@ricevml.rice.edu">edwards@ricevml.rice.edu</a>)</td>
<td>Harvey Yunis</td>
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<tr>
<td>Computational and Applied Math</td>
<td>John Hunter (<a href="mailto:hunter@ricevml.rice.edu">hunter@ricevml.rice.edu</a>)</td>
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<td>Computer Science</td>
<td>John Hunter (<a href="mailto:hunter@ricevml.rice.edu">hunter@ricevml.rice.edu</a>)</td>
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<td>Ecology &amp; Evolutionary Biology</td>
<td>Robert Sabin (<a href="mailto:sabin@ricevml.rice.edu">sabin@ricevml.rice.edu</a>)</td>
<td>Joan Strassman</td>
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<td>Economics</td>
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<td>Kei-Mu Yi</td>
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<td>Education</td>
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<td>Electrical Engineering</td>
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<td>English</td>
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<td>Geology</td>
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<td>German</td>
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<td>Health &amp; Human Performance</td>
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<td>Mathematics</td>
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<td>Mechanical Engineering</td>
<td>John Hunter (<a href="mailto:hunter@ricevml.rice.edu">hunter@ricevml.rice.edu</a>)</td>
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<td>Music</td>
<td>Paul Orkiszewski (<a href="mailto:orkis@ricevml.rice.edu">orkis@ricevml.rice.edu</a>)</td>
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<td>Philosophy</td>
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<td>Physics</td>
<td>Sara Lowman (<a href="mailto:lowman@ricevml.rice.edu">lowman@ricevml.rice.edu</a>)</td>
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<td>Political Science</td>
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<tr>
<td>Sociology</td>
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