



Benchmarks *Online*

Volume 4 - Number 1 * January 2001

Columns

[RSS Matters](#)

[SAS Corner](#)

[The Network
Connection](#)

[List of the Month](#)

[WWW@UNT.EDU](#)

[Short Courses](#)

[IRC News](#)

[Staff Activities](#)

Other Resources

[Back Issues](#)
[Text Search](#)

[UNT Main Page](#)

[UNT Calendar](#)

[Support Services](#)

[General Access](#)
[Lab Hours](#)

[Tutorials &
References](#)

[Training Web](#)

[Academic
Computing
Services](#)

[Computing Center](#)

[About](#)

Feature Articles

[Campus Computing News](#)

The time is now to apply for a Teaching with Technology Grant, if you haven't already done so. The Texas EDUCAUSE Meeting Coming Up on February 21st also. Read all about it!

[Welcome to the New Millennium!](#)

What, you thought that was last year? Heck no, that was just a warm-up, pre-millennium celebration (and we needed to get that messy Y2K stuff out of the way too:). This time it's the real thing. If you don't believe me, take a good look at what the experts have to say . . .

[UNT's General Access Labs](#)

We interrupt our "Lab-of-the-Month" series to inform those new to UNT that we have a wonderful resource available to them -- the General Access Labs. What, you've been here for awhile and didn't know about them either? Well read on ...

[Did You Get Your EagleMail?](#)

It is **very** important for **all** UNT students to have an EagleMail account. If you are a student and don't have an account, please get one A.S.A.P. If you are a faculty member, please encourage your students to get an account as it will facilitate your (and the University's) ability to communicate with your classes via Bulk E-mail. Details inside

...



[Benchmarks
Online](#)

[Subscribe to
Benchmarks
Online](#)

*Did You Remember to Renew Your
PRAS Account?*

[SAS Corner](#)

This is a new *Benchmarks Online* monthly feature.

TODAY'S CARTOON

Click on the title above for an information age laugh.

Don't forget to check out our monthly columns. This month's topics:

- [RSS Matters](#) -- "Dealing With Missing Data" If you do research you invariably end up with missing data. This article addresses the Monte Carlo approach in various statistical packages.
- [The Network Connection](#) -- "The year in review" Dr. Baczewski looks back on developments in Internet and Information technology this past year.
- [List of the Month](#) -- "RSS Discussion Web - A Virtual Research Community" Do you ever want to discuss statistics or research problems, have your questions answered, find out if other researchers see things the way you do? If so, this is the place for you.
- [WWW@UNT.EDU](#) -- "Farewell ..." the new year brings some changes in Central Web Support.
- [Short Courses](#) -- The Academic Computing Services (ACS) short courses will be announced soon for the spring. Other learning opportunities are covered here also.
- [IRC News](#) -- Minutes of the Information Resources Council are printed here when they are available. The minutes for November 21 and December 12 are

featured this time.

- **Staff Activities** -- New employees, employees that have resigned, and other staff changes are included in this article.

[Page One](#)[Campus
Computing News](#)[Welcome to the
New Millennium!](#)[UNT's General
Access Labs](#)[Did You Get Your
EagleMail?](#)[SAS Corner](#)[Today's Cartoon](#)

RSS Matters

[The Network
Connection](#)[List of the Month](#)[WWW@UNT.EDU](#)[Short Courses](#)[IRC News](#)[Staff Activities](#)[Subscribe to
Benchmarks
Online](#)

Research and Statistical Support

University of North Texas

RSS Matters

Dealing With Missing Data

By [Patti Price](#), RSS Statistical Consultant

In dealing with missing data, one solution is to employ a Monte Carlo approach using a program for creating multiple imputations. While these programs may be purchased as part of packages like SPSS, other similar programs are available for free download. If you are using S-Plus, there are four different packages that may be used as functions in S-Plus. These include NORM (for multivariate continuous data), CAT (for multivariate categorical data), MIX (for mixed continuous and categorical data), and PAN (for panel or clustered data).

A stand-alone version of NORM is also available for those using Windows 95/98/NT. Work is in progress for stand-alone versions of the other programs listed above. Each of these programs was developed by Dr. Joseph Schafer and is available at <http://www.stat.psu.edu/~jls/misoftwa.html> - [top](#).

Specific information on frequently asked questions concerning multiple imputation is available at <http://www.stat.psu.edu/~jls/mifaq.html>.

After downloading and installing the NORM program, you will find that there are some example files to work with. Your own files will need to be saved in the .dat format. After opening the file, you will note that there are four file folder tabs to work with. In the data tab, you will see your data and will need to enter the value assigned to your missing data. In the data folder tab, it is possible to enter variable names and to obtain basic descriptive information. To run the complete program, simply click on the "EM Algorithm" tab and click run, the "Data Augmentation" tab and click run, and finally click on the "Impute from parameters" tab" and run to complete the process.

[Page One](#)[Campus
Computing News](#)[Welcome to the
New Millennium!](#)[UNT's General
Access Labs](#)[Did You Get Your
EagleMail?](#)[SAS Corner](#)[Today's Cartoon](#)[RSS Matters](#)[The Network
Connection](#)[List of the Month](#)[WWW@UNT.EDU](#)[Short Courses](#)[IRC News](#)[Staff Activities](#)[Subscribe to
Benchmarks
Online](#)

Research and Statistical Support

University of North Texas

This is a new Benchmarks Online monthly feature. -- Ed.

SAS Corner

By [Dr. Karl Ho](#), Research and Statistical Support Services Manager

Although I've studied SAS for years, I never stop getting surprises from this big system. Every once in a while I find myself amazed by functions that I didn't even know existed. In this short piece, I will introduce a procedure that may be of interest to you if you need to be involved in human resources management.

PROC CALENDAR procedure in SAS/BASE combines data from individual personal schedule with corporate schedule/events and print out calendars for individual workers. While scheduling applications abound, PROC CALENDAR serves more than just printing calendars. It also organizes calendars and schedules for a group or a company while keeping data for really easy retrieval.

To create a calendar, the programmer needs to prepare two SAS data sets: events data and holiday data. The following example illustrates putting holidays and events together on one calendar:

```
/* This example illustrates the use of PROC CALENDAR procedure */
/* It generates the calendar of all events scheduled using
separate data sets */
```

```
options nodate pageno=1 linesize=110 pagesize=60;
```

```
/* Output Delivery System (ODS) statements converts the output to
html */
```

```
ods html file="c:\temp\cal0.html";
```

```
/* Generating event data under the name ALLACTY */
```

```
data allacty;
  input date : date7. event $ 9-36 who $ 37-48 long;
  datalines;
01JUL96 Dist. Mtg. All 1
17JUL96 Bank Meeting 1st Natl 1
02JUL96 Mgrs. Meeting District 6 2
11JUL96 Mgrs. Meeting District 7 2
03JUL96 Interview JW 1
08JUL96 Sales Drive District 6 5
15JUL96 Sales Drive District 7 5
08JUL96 Trade Show Knox 3
22JUL96 Inventors Show Melvin 3
11JUL96 Planning Council Group II 1
18JUL96 Planning Council Group III 1
25JUL96 Planning Council Group IV 1
12JUL96 Seminar White 1
19JUL96 Seminar White 1
18JUL96 NewsLetter Deadline All 1
05JUL96 VIP Banquet JW 1
19JUL96 Co. Picnic All 1
16JUL96 Dentist JW 1
24JUL96 Birthday Mary 1
```

```

25JUL96 Close Sale                                WYGIX Co.    2
;

/* Recording holiday data */

data hol;
  input date : date7. holiday $ 11-25 holilong @27;
  datalines;
05jul96  Vacation           3
04jul96  Independence       1
;

/* Sorting data by date before the PROC CALENDAR procedure */

proc sort data=allacty;
  by date;
run;

/* Create the schedule calendar. DATA= identifies the activities
data set; */
/* HOLIDATA= identifies the holidays data set. */
/* WEEKDAYS specifies that a week consists of five eight-hour work
days. */

proc calendar data=allacty holidata=hol;

/* The START statement specifies the variable in the activities
data set that */
/* contains the starting date of the activities; */
/* DUR specifies the variable that contains the duration of each
activity. */
/* Creating a schedule calendar requires START and DUR. */

      start date;
      dur long;

/* The HOLISTART, HOLIVAR, and HOLIDUR statements specify the
variables in */
/* the holidays data set that contain the start date, name, */
/* and duration of each holiday, respectively. */
/* When you use a holidays data set, HOLISTART is required. */
/* Because at least one holiday lasts more than one day, HOLIDUR
is required. */

      holistart date;
      holivar holiday;
      holidur holilong;
      title1 'Summer Planning Calendar:  John Doe';
      title2 'President, Community Bank';
run;
ods html close;

```

The ODS statements convert the output into an HTML file [CAL0.htm](#) while the sample ASCII output is as follows:

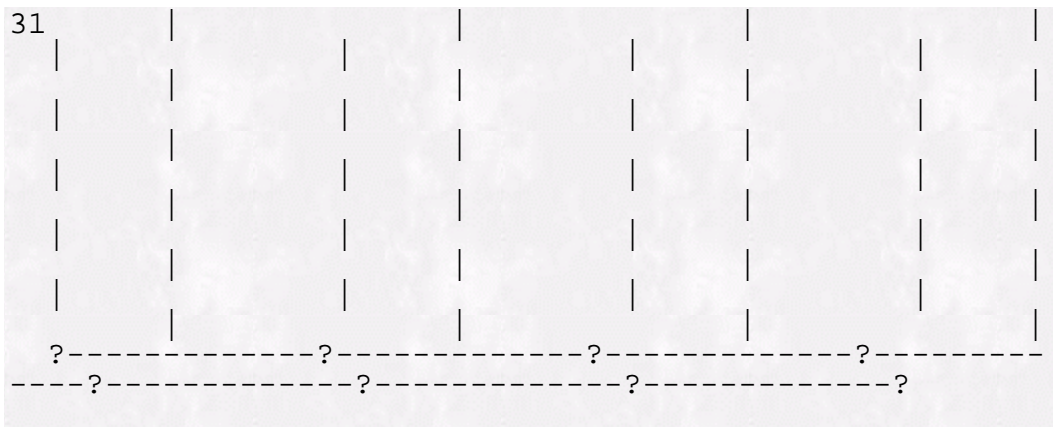
```

John Doe                                Summer Planning Calendar:
                                         1
Bank                                     President, Community
                                         Bank

?-----?-----?-----?-----?-----?-----?-----?-----?
|
|                                     |
| 1996                               |                                     July
|                                     |
?-----?-----?-----?-----?-----?-----?-----?-----?
| Sunday | Monday | Tuesday | Saturday
Wednesday | Thursday | Friday | Saturday
?-----?-----?-----?-----?-----?-----?-----?-----?

```

3				1		2	
		4		5		6	
	Independence		***Vacation***		***Vacation***		
	+Interview/JW+						
			+Dist. Mtg./A+		+Mgrs.		
	Meeting/District 6==+						
	?-----?-----?-----?-----?						
	?-----?-----?-----?-----?						
10		7		8		9	
		11		12		13	
	Vacation						
			+=====Trade				
	Show/Knox=====		+Planning				
	Cou+ +Seminar/Whit+						
			+=====Sales				
	Drive/District 6=====						
			+VIP Banquet/+				
			+Mgrs. Meeting/District 7==+				
	?-----?-----?-----?-----?						
	?-----?-----?-----?-----?						
17		14		15		16	
		18		19		20	
		+NewsLetter D+	+Co. Picnic/A+				
				+Dentist/JW=+	+Bank		
	Meeting+ +Planning	Cou+ +Seminar/Whit+					
			+=====Sales				
	Drive/District 7=====						
	?-----?-----?-----?-----?						
	?-----?-----?-----?-----?						
24		21		22		23	
		25		26		27	
	+Birthday/Mar+	+=====Close Sale/WYGIX Co.=====					
			+=====Inventors				
	Show/Melvin=====		+Planning Cou+				
	?-----?-----?-----?-----?						
	?-----?-----?-----?-----?						
		28		29		30	



[Page One](#)

[Campus
Computing News](#)

[Welcome to the
New Millennium!](#)

[UNT's General
Access Labs](#)

[Did You Get Your
EagleMail?](#)

[SAS Corner](#)

[Today's Cartoon](#)

[RSS Matters](#)

**The Network
Connection**

[List of the Month](#)

[WWW@UNT.EDU](#)

[Short Courses](#)

[IRC News](#)

[Staff Activities](#)

[Subscribe to
Benchmarks
Online](#)

Network Connection

By [Dr. Philip Baczewski](#), Associate Director of Academic Computing

The year in review

We've survived Y2K -- all of it! Welcome to the new [millennium](#). In looking back at MM, there were quite a few interesting developments in Internet and Information technology. A number of these developments were reflected in the last year's set of Network Connections columns and can provide us with a review of the year's events. So in the best tradition of new year's journalism, its the *Network Connections Year in Review*.

[January - The Experts Speak](#)

If it's in print it must be true? The year started with a number of predictions including the one documented here about the future of personal software. A year later just further strengthens the view that some "experts" aren't as expert as others.

[February - Are we Smart Enough for the Internet?](#)

Fresh from the euphoria of non-disaster, the news media found itself with a number of Internet stories to trip over. The new year seemed to bring a new level of Internet hype. We survived the odometer rollover, but can we survive the news media?

[March - Mailing Lists: Alive and Well](#)

One of the oldest Internet activities is still one of the most vital. Mailing lists are continuing to flourish on the Internet and are as useful as ever.

[April - Pounding the Virtual Pavement](#)

Ah Spring -- when college student's thoughts turn to jobs -- what else? This column revisits the world of Internet job hunting and shows that jobs remain a hot topic well after this column's original 1996 publication date.

[May - Who do you trust?](#)

2000 was the year in which "I LOVE YOU" became words to fear. When the most famous virus since Melissa made its appearance, the world temporarily revolved around a few bored programming students from the Philippines. Did we learn anything from the "ILOVEYOU" virus? Time will only tell, but perhaps it at least made us think.

[June - Bullies of the Internet](#)

Y2K. The year a company named napster.com rocketed to Internet fame, only to be shot down in a burst of legal fire by the RIAA. This column recounts just one of the ongoing struggles which will define the ultimate shape of the Internet. It seems that

anyone can own content, but who will profit from the medium?

July - E-mail Considered

Spring and Summer of Y2K seemed to yield a series of laments for the lost art of writing. This column was the result of hearing one too many laments. Most of us are writing more than ever and E-mail is the medium. No lament here.

August - The Unbearable Persistence of Information

There's an incredible collection of information on the Internet, and some of it just won't go away! The Internet can provide timely and useful information, but it can also provide information that's quite obsolete. Knowing the difference can be important.

September - News from the Internet Front

One of the big fights in MM was that between Microsoft and the U.S. Department of Justice in which it was proven that just because your company is a huge monopoly, doesn't mean that you can't win the battle by prolonging the case until new "bidness-friendly" management comes into power. While they were busy winning the battle, however, Microsoft may have lost the war.

October - Do You Cue?

Just when we thought it was safe to go back onto the Internet, along comes the :CueCat, the latest in Internet convenience/invasion of privacy devices. It's too early to tell whether the :CueCat is the big Internet earthquake or just a little tremor.

November - But is it Spam?

Oh, those pesky UCEs (unsolicited commercial E-mails). More people are using and abusing E-mail than ever. What's a person to do? How about ignore it?

December - *But is it a Hack...*

The past year has seen a dramatic change in how we connect to the Internet. Digital Subscriber Line (DSL) and Cable modem technology have brought bandwidth previously available only at work or school directly to your home computer. Along with this change in the way we connect to the Internet comes additional concerns for the security of our personal computers. Its time to rethink computer security and learn about some new tools to help keep our information secure.

The review in review

It was a very interesting year.

[Page One](#)

[Campus
Computing News](#)

[Welcome to the
New Millennium!](#)

[UNT's General
Access Labs](#)

[Did You Get Your
EagleMail?](#)

[SAS Corner](#)

[Today's Cartoon](#)

[RSS Matters](#)

[The Network
Connection](#)

List of the Month

[WWW@UNT.EDU](#)

[Short Courses](#)

[IRC News](#)

[Staff Activities](#)

[Subscribe to
Benchmarks
Online](#)

List of the Month

Each month we highlight one Internet, USENET Special Interest Group (SIG), or similar mailing list or Website.

Research and Statistical Support
University of North Texas **Discussions**

RSS Discussion Web - A Virtual Research Community

Do you ever want to discuss statistics or research problems, have your questions answered, find out if other researchers see things the way you do? Rich Herrington in Research and Statistical support has developed the RSS Discussion Web using a Linux package called Squish. It allows threaded discussion and you can search from the discussion database using a keyword.*

You are invited to send in remarks, questions or articles you consider valuable for other UNT researchers and help develop a virtual research community. Just point your browser to

http://rss.acs.unt.edu:8080/RSS_Discuss/RSS_Squish/index_html

* This description is taken from the December, 2000 "[RSS Matters](#)."

[Page One](#)[Campus
Computing News](#)[Welcome to the
New Millennium!](#)[UNT's General
Access Labs](#)[Did You Get Your
EagleMail?](#)[SAS Corner](#)[Today's Cartoon](#)[RSS Matters](#)[The Network
Connection](#)[List of the Month](#)[WWW@UNT.EDU](#)[Short Courses](#)[IRC News](#)[Staff Activities](#)[Subscribe to
Benchmarks
Online](#)

WWW@UNT.EDU

Farewell ...

Well, all good things must eventually come to an end. I'm leaving UNT at the end of January to pursue a new opportunity with [WebCT](#) as an Instructional Technology Engineer.

Certainly we accomplished a lot during my tenure at UNT. When I started here 4 years ago, we only had a handful (maybe 10-20) Websites, only 2 servers (one of which ran [www.unt.edu](#), the personal Web pages from Jove and even a gopher server. The other was a P-90 running the original version of Caldera Linux. I think the kernel was like .9) and I was the only full-time staff (Sharon Marek was part time).

Now we've got 4 UNIX boxes, over 400 static Websites, over 400 Web-based classes, plus an NT box running a handful of Web-enabled databases (including our awesome [event calendar](#)). This doesn't include other services such as our streaming video server and our Verisign OnSite SSL certificate service. During this time we've seen our total Web page count go from around 30,000 to over 100,000. The Central Web Support staff is now a total of 4 people. Plus PAIS has a staff of 2.5 people working on the administrative Web areas, plus the Multimedia Library provides staff support for the creation of Websites.

It has been an exciting and mostly pleasurable time spent growing the Web at UNT, but it is time for me to move to do other things. I know I'm leaving the Web in capable hands at UNT.

UNT will always remain in my thoughts and in my prayers.

Best Wishes,

Mark

[Page One](#)[Campus
Computing News](#)[Welcome to the
New Millennium!](#)[UNT's General
Access Labs](#)[Did You Get Your
EagleMail?](#)[SAS Corner](#)[Today's Cartoon](#)[RSS Matters](#)[The Network
Connection](#)[List of the Month](#)[WWW@UNT.EDU](#)[Short Courses](#)[IRC News](#)[Staff Activities](#)[Subscribe to
Benchmarks
Online](#)

Short Courses

By [Claudia Lynch](#), *Benchmarks Online* Editor

ACS Short Courses are being finalized for the spring semester. We anticipate classes starting the first or second week in February. Please consult the [Short Courses](#) page if you would like to find out more about the short courses that ACS typically offers.

Customized Short Courses

Faculty members can request customized short courses from ACS, geared to their class needs. Other groups can request special courses also. Contact ACS for more information (ISB 119, 565-4068, lynch@unt.edu).

Especially for Faculty and Staff Members

In addition to the [ACS Short Courses](#), which are available to students, faculty and staff, staff and faculty members can take courses offered through the [Human Resources](#) Department, the [Center for Distributed Learning](#), and the UNT Libraries' [Multimedia Development Lab](#).

Andrew McGregor, Messaging Support Specialist (amcgregor@unt.edu) 940-369-7688 is currently offering a monthly **Basic GroupWise Class**. Contact him for further information and/or to register for the class.

Center for Distributed Learning

The Center for Distributed Learning offers courses especially for Faculty Members. A list of topics and further information can be found at http://www.unt.edu/cdl/training_events/index.htm The center also offers a "Brown Bag" series which meets for lunch the first Thursday of each month at Noon in ISB 204. The purpose of this group is to bring faculty members together to share their experiences with distributed learning. One demonstration will be made at each meeting by a faculty member with experience in distributed learning. More information on these activities can be found at the [Center for Distributed Learning](#) Web site.

UNT Libraries'

The UNT Libraries' Multimedia Development Lab has also offered free training to all University of North Texas faculty and staff in the basics of FrontPage and information architecture in the past. For more information see <http://www.library.unt.edu/media/services.htm#Distributed>.

Technical Training

Technical Training for campus network managers is available, from time to time, through the [Campus-Wide Networks](#) division of the Computing Center. Check the

CWN site to see if and when they are offering any training.

UNT Mini-Courses

These are a variety of courses offered, for a fee, to UNT faculty, staff and students as well as the general public. For additional information surf over to http://www.unt.edu/ccecm/cont_ed/Minicourse/Courses/UNT_Minicourse_Page.htm

Alternate Forms of Training

The [Training](#) Web site has all sorts of information about alternate forms of training. Training tapes, Computer Based Training ([CBT](#)) and Web-based training are some of the alternatives offered. There are also handouts for computer training (Microsoft Office 97 and Windows 95) on the following topics:

- GroupWise 5.2 -- Handout for Win95/NT
- FAQ for GroupWise 5.2
- Info on GroupWise for Win3.1
- Computers - Back to the Basics
- Introduction to Windows 95
- Introduction to Word 97
- Advanced Word 97 - MailMerge It Together
- Introduction to Excel 97
- Introduction to PowerPoint 97
- Introduction to Remedy (THE Call-Tracking Program)
- Using Netscape Communicator and the UNT Home Page

December 1999's "[List of the Month](#)" offers links to free Microsoft Word and Excel information also.

[Page One](#)[Campus
Computing News](#)[Welcome to the
New Millennium!](#)[UNT's General
Access Labs](#)[Did You Get Your
EagleMail?](#)[SAS Corner](#)[Today's Cartoon](#)[RSS Matters](#)[The Network
Connection](#)[List of the Month](#)[WWW@UNT.EDU](#)[Short Courses](#)[IRC News](#)[Staff Activities](#)[Subscribe to
Benchmarks
Online](#)

IRC News



Minutes provided by Sue Ellen Richey,
Recording Secretary

IRC Regular and Ex-officio Voting Members: *Judith Adkison, College of Education; Ginny Anderson, Fiscal Affairs; Donna Asher, Administrative Affairs; Craig Berry, School of Visual Arts; Sue Byron, Faculty Senate; Bobby Carter, UNT Health Science Center; Jim Curry, Academic Administration; VACANT, Student Association, Don Grose, Libraries; Jenny Jopling, Instruction Program Group; Joneel Harris, Administrative Program Group; Elizabeth Hinkle-Turner, Standards and Cooperation Program Group; Abraham John, Student Affairs; VACANT, Graduate Student Council; VACANT, University Planning Council; Ramu Muthiah, School of Community Services, GALMAC; Jon Nelson, College of Music; Robert Nimocks, Director, Information Technology, UNTHSC; Patrick Pluscht, Distributed Learning Team; Mark Rorvig, Research Program Group (Acting Chair); Paul Schlieve, Communications Program Group; Kathleen Swigger, College of Arts and Sciences; Philip Turner, School of Library and Information Science and University Planning Council (Chair, IRC);; Virginia Wheeless, Chancellor; John Windsor, College of Business. **IRC Ex-officio Nonvoting Members:** VACANT, Telecommunications; Bill Buntain, Computing Center Networking; Jim Curry, Microcomputer Maintenance Shop; Richard Harris, Computing Center; Coy Hoggard, Computing Center; Joel Lanpher, UNT Health Science Center; Maurice Leatherbury, Computing Center; Sue Ellen Richey, Computing Center (Recording Secretary). [As of 10/2000]*

November 21, 2000

VOTING MEMBERS PRESENT: CHAIR: PHILIP TURNER, JAN BROTHERS (for JOHN WINDSOR), SUE BYRON, ARNE ALMQUIST (for DON GROSE), ROBERT NIMOCKS, JON NELSON, PAUL SCHLIEVE, ELIZABETH HINKLE-TURNER, JONEEL HARRIS, PAUL HONS (for JUDITH ADKISON), RAMU MUTHIAH, JENNY JOPLING, JIM CURRY, BOBBY CARTER, KENNETH CLOSE (for CRAIG BERRY), JOEL LANPHEAR, MARGARET HUDNALL

NON-VOTING MEMBERS PRESENT: RICHARD HARRIS, COY HOGGARD, MAURICE LEATHERBURY, BILL BUNTAIN, SUE ELLEN RICHEY (Recording Secretary)

MEMBERS ABSENT: MARK RORVIG, PATRICK PLUSCHT, KATHLEEN SWIGGER, DONNA ASHER, GINNY ANDERSON, ALLEN LIVINGSTON, VIRGINIA WHEELLESS

GUESTS: LOU ANN BRADLEY, JAMES STRAWN

The minutes of the October IRC meeting were approved.

IR Steering Committee

The Chair announced that he, Richard Harris, and Maurice Leatherbury had met with the IR Steering Committee, at which time the Web Publishing Policy was discussed. Dr. Rafes suggested two revisions which Maurice made and the new draft policy is currently in Dr.

Pohl's office for reevaluation.

Instruction Program Group

Jenny Jopling reported for the Instruction Program Group that they had met to discuss the computer-based testing facility at the Gateway Center. The new facility can be used for all sorts of testing, as well. It is uncertain at this time as to who will run the facility.

Communication Program Group

Paul Schlieve reported for the Communication Program Group that the Internet caching proposal has been reviewed by the General Counsel, and the new draft policy was distributed to the IRC members present. The Program Group recommended approval of the policy concerning the management of a caching server. There was some discussion during which Paul explained that implementation of an Internet Caching server is already underway through the Computing Center. Joneel Harris seconded the recommendation from committee and the policy was approved.

Administration Program Group

Joneel Harris reported for the Administration Program Group. She announced that the previously scheduled demo from SAP was cancelled and has not been rescheduled. There is an Oracle technical session scheduled for November 27th and 28th at their customer visitor center where they plan to demo their beta student solution. Joneel stated that it is doubtful that a recommendation can be made before the February Board of Regents meeting. Right now the student system users are documenting their requirements. When that task is completed, the group's next step will be to visit institutions now using the systems they are looking at: SCT, Oracle, People Soft and possibly Datatel.

Standards & Cooperation Program Group

Elizabeth Hinkle-Turner reported for the Standards & Cooperation Program Group that they are working on the revision of several computer policies that have not been revised since 1997. Elizabeth distributed copies of the revised Computer Use Policy. There was a short discussion and suggestions were given to Elizabeth. A vote on this revised policy will be taken at the December IRC meeting.

Distributed Learning Team

In Patrick Pluscht's absence, Jenny Jopling reported for the Distributed Learning Team that Patrick is working on a TIF grant and that she continues to work on the state-wide computer based testing project. Jenny announced that the Excellence in Teaching on-line Web Course has begun.

Bandwidth Issues

Bill Buntain reported that Datacom is still working with GTE (Verizon) and Southwestern Bell on the project to increase bandwidth. They hope to have everything in place by the Spring semester.

There being no further business, the meeting was adjourned.

December 12, 2000

VOTING MEMBERS PRESENT: CHAIR: PHILIP TURNER, JOHN WINDSOR), PAM HIGHT (for DON GROSE), ROBERT NIMOCKS, JON NELSON, PAUL SCHLIEVE, ELIZABETH HINKLE-TURNER, PAUL HONS (for JUDITH ADKISON), JENNY JOPLING, JIM CURRY, CRAIG BERRY, MARGARET HUDNALL

NON-VOTING MEMBERS PRESENT: RICHARD HARRIS, COY HOGGARD, SUE ELLEN RICHEY (Recording Secretary)

MEMBERS ABSENT: BOBBY CARTER, RAMU MUTHIAH, JONEEL HARRIS, MARK RORVIG, JOEL LANPHEAR, PATRICK PLUSCHT, KATHLEEN SWIGGER, DONNA ASHER, GINNY ANDERSON, ALLEN LIVINGSTON, MAURICE LEATHERBURY, BILL BUNTAIN, VIRGINIA WHEELLESS

GUESTS: LOU ANN BRADLEY, JAMES STRAWN, JENNIFER JOHNSON, BETTY TOMBOULIAN

November Minutes Corrected

The minutes of the November 21, 2000 IRC meeting were approved with the following correction: "Joneel Harris reported that an Oracle technical session will be scheduled at their visitor center some time in December, when they plan to demo their beta student solution."

IR Steering Committee

The Chair reported that the last meeting of the IR Steering Committee was spent discussing the Web Publishing Policy. Richard Harris stated that the committee agreed on the modifications to the policy that had been made by Richard Rafes; accepted the purpose statement that Maurice had added, and agreed to send it on to Dr. Pohl for his approval.

Standards & Cooperation Program Group

Elizabeth Hinkle-Turner, for the Standards & Cooperation Program Group, distributed and presented the revised draft of the Computer Use Policy which incorporates all of the changes suggested at the last IRC meeting. Following a short discussion the new Computer Use Policy was approved by the Council.

Communications Program Group

Paul Schlieve announced that the Communications Program Group will meet on January 24th for a discussion of wireless networking. Anyone who is interested in participating in the discussion was asked to let Paul know so they can be included in meeting announcements.

Due to an ice storm warning, no further reports were given and the Chair asked that the meeting be adjourned. Paul Schlieve moved for adjournment; John Windsor seconded and the Council concurred. The meeting was adjourned at 2:30 p.m.

IRC Meeting Schedule

The **IRC** generally meets on the third Tuesday of each month, from 2-4 p.m., in the Administration Building Board Room. From time to time there are planned exceptions to this schedule. All meetings of the IRC, its program groups, and other committees, are open to all faculty, staff, and students.

[Page One](#)

[Campus
Computing News](#)

[Welcome to the
New Millennium!](#)

[UNT's General
Access Labs](#)

[Did You Get Your
EagleMail?](#)

[SAS Corner](#)

[Today's Cartoon](#)

[RSS Matters](#)

[The Network
Connection](#)

[List of the Month](#)

[WWW@UNT.EDU](#)

[Short Courses](#)

[IRC News](#)

Staff Activities

[Subscribe to
Benchmarks
Online](#)

Staff Activities

Transitions

The following are new employees:

- **Michelle Hooper**, Programmer on Student Record Systems team.
- **Luke Quattrochi**, Helpdesk Consultant (part-time).
- **Marcus Carlisle**, I/O Consultants(part-time).
- **Daniel Lobert**, I/O Consultants(part-time).

The following people no longer work in the Computing Center:

- **Adam Rubenstein**, I/O Consultant (part-time).
- **Ryan Hickey**, UNIX Systems Administrator, Student Messaging Systems.

Changes

- All E-mail previously addressed to **Jennifer Johnson** should now be addressed to **Jennifer Lafleur**. Jennifer got married over the break and has changed her last name. Congratulations Jennifer!

[Page One](#)

**Campus
Computing
News**

[Welcome to the
New Millennium!](#)

[UNT's General
Access Labs](#)

[Did You Get Your
EagleMail?](#)

[SAS Corner](#)

[Today's Cartoon](#)

[RSS Matters](#)

[The Network
Connection](#)

[List of the Month](#)

[WWW@UNT.EDU](#)

[Short Courses](#)

[IRC News](#)

[Staff Activities](#)

[Subscribe to
Benchmarks
Online](#)

Campus Computing News

By [Dr. Maurice Leatherbury](#), Senior Director of Academic Computing

Teaching with Technology Grants Announced

On December 21st, 2000 Dr. David Kesterson announced the 2001-2002 Teaching with Technology Grant program. This year's program, the seventh in as many years, will provide \$150,000 to full-time faculty members at UNT to support their distributed learning course development. Individual grants ranging from \$2,500 to \$8,000 will be awarded, with the recipients being selected around the end of March. The deadline for submitting grant proposals is **March 2, 2001**.

Full details on the grants, including a downloadable application form, can be found at the Center for Distributed Learning's Web site at:

http://www.unt.edu/cdl/twt_grants2001/index.htm

If you have questions about the grants, call me at extension 3854 or e-mail me at leatherb@unt.edu.

Texas EDUCAUSE Meeting Coming Up on February 21st

EDUCAUSE is an international, nonprofit association whose mission is to help shape and enable transformational change in higher education through the introduction, use, and management of information resources and technologies in teaching, learning, scholarship, research, and institutional management. Formed by a merger of CAUSE and EDUCOM in 1998, EDUCAUSE holds two national meetings annually plus sponsors several regional meetings periodically. For the first time, a Texas meeting of EDUCAUSE will be held on February 21st - 23rd at the Gunter Hotel in San Antonio.

A number of UNT personnel will be presenting papers at "EduTex," as the meeting has been dubbed. Philip Baczewski, Duane Gustavas, Mark Wilcox, and Maurice Leatherbury from the Computing Center will be making presentations as will Jenny Jopling from the Center for Distributed Learning.

The principal purpose of EduTex is to bring together educators and technology support staff from institutions of higher education in Texas and the surrounding states to learn from and interact with each other. This is a prime opportunity for IT personnel to discover how other campuses solve common problems, and the relatively close location and low cost of the conference should attract numerous persons from around the state.

Details on EduTex, including on-line registration, are available at <http://www.educause.edu/conference/edutex/2001/index.html>.

Note that UNT is an institutional member of EDUCAUSE so UNT faculty

and staff can register at membership rates.

[Page One](#)

[Campus
Computing News](#)

**Welcome to the
New Millennium!**

[UNT's General
Access Labs](#)

[Did You Get Your
EagleMail?](#)

[SAS Corner](#)

[Today's Cartoon](#)

[RSS Matters](#)

[The Network
Connection](#)

[List of the Month](#)

[WWW@UNT.EDU](#)

[Short Courses](#)

[IRC News](#)

[Staff Activities](#)

[Subscribe to
Benchmarks
Online](#)

Welcome to the New Millennium!

By [Claudia Lynch](#), *Benchmarks Online* Editor

What, you thought that was last year? Heck no, that was just a warm-up, pre-millennium celebration (and we needed to get that messy Y2K stuff out of the way too:). This time it's the real thing. If you don't believe me, take a good look at what the experts have to say:

- The [White House Millennium Council](#) sought to answer the question "When is the Millennium?" this way:

[mil-len-ni-um](#) (n). A span of one thousand years.

The Arrival of the new millennium has sparked a great debate: when does it actually begin? Our instincts told us to celebrate on December 31, 1999. But logic says that every millennium is made up of 1000 years – which means that the year 2000 belongs to the second not the third. Credit for this confusing state of affairs goes to Dennis the Diminutive, a sixth century monk who prepared a calendar for Pope St. John I. Instead of beginning his calendar at year 0, Dennis started with 1 A.D. – bequeathing us the chronological quandary we face today. So what is the answer? According to the [U.S. Naval Observatory](#), the third millennium begins on January 1, 2001. Evenso, most Americans and much of the world focused on the flip of the calendar from '99 to '00. White House millennium programs began in 1997 and will run through January 1, 2001. Greeting a new millennium is a once-in-a-thousand years experience... let's make the celebration last!

- The Royal Observatory in Greenwich, England produced a [special leaflet](#) on the new millennium. You may not realize that the new millennium started at zero hours Greenwich. Why? Because "The 'INTERNATIONAL CONFERENCE HELD AT WASHINGTON FOR THE PURPOSE OF FIXING A PRIME MERIDIAN AND A UNIVERSAL DAY' in October 1884, resolved to adopt the meridian at Greenwich as the prime meridian for 'all the world' and the time and day at the Greenwich meridian as the universal time and day for 'all the world.' In practice, this time, referred to now more correctly as UTC, is identical to what is widely known as GMT and forms the basis for our claim that the Millennium will start at zero hours Greenwich time. The same conference stated that the 'universal day shall not interfere with the use of local or other standard time where desirable.' Put simply this means that in Sydney they are not going to wait until 10 next morning before celebrating the New Year."

In case you think the controversy over when the millennium will start is new, check this out:

We [the [Royal Observatory](#)] have received a great deal of e-mail regarding the start of the 21st Century. It is interesting to note that this is not the first time that this controversy has arisen. The Times must have received

many letters towards the end of 1799, since its editors felt moved to make the following comments about the beginning of the 19th Century:

"We have uniformly rejected all letters and declined all discussion upon the question of when the present century ends, as it is one of the most absurd that can engage the public attention, and we are astonished to find it has been the subject of so much dispute, since it appears plain. The present century will not terminate till January 1, 1801, unless it can be made out that 99 are 100... It is a silly, childish discussion, and only exposes the want of brains of those who maintain a contrary opinion to that we have stated"

The Times, 26 December 1799

Even here in the U.S., this is not a new topic (quoted [from](#) "I Say Millennium, You Say Milinium, Let's Call the Whole Thing Off"):

"The Post is open to conviction. We are not bigoted or intolerant. If anyone will show us how a century can be completed with less than 100 years, and how nineteen centuries can be completed with less than 1900 years, and how the twentieth century can begin before the nineteenth century ends, we shall joyfully put ashes in our hair and hail him as a wizard."

--*Washington Post*, 28 December 1899

If this topic interests you, you might want to check out these sites:

- [Calendars Through the Ages](#), which, believe it or not is about the history of calendars.
- The World's largest [collection](#) of 2001 Millennium Website Links. This site has links in a variety of languages.

Does all this millennial stuff irritate you? [Blame it on Dennis the Short.](#)

A Millen(n)ial Mix-up (Culture 2:00 a.m. PST)

<http://www.wired.com/news/culture/0,1284,40491,00.html?tw=wn20001228>

We're on our Third Millennium now but there are still an awful lot of people who don't know how to spell 'millennium.' An apparent spell- checking glitch in a version of Microsoft Word hasn't helped matters.

[Page One](#)

[Campus Computing News](#)

[Welcome to the New Millennium!](#)

UNT's General Access Labs

[Did You Get Your EagleMail?](#)

[SAS Corner](#)

[Today's Cartoon](#)

[RSS Matters](#)

[The Network Connection](#)

[List of the Month](#)

[WWW@UNT.EDU](#)

[Short Courses](#)

[IRC News](#)

[Staff Activities](#)

[Subscribe to Benchmarks Online](#)

UNT's General Access Labs

*We interrupt our "Lab-of-the-Month" series to inform those new to UNT that we have a wonderful resource available to them -- the General Access Labs. This article originally appeared in the [September, 2000](#) issue of *Benchmarks Online* as "Happy Tenth Birthday General Access Labs!"*

By [Dr. Elizabeth Hinkle-Turner](#), Student Computing Services [Manager](#)

One of the most visible examples of student technology fees at work is the convenient location throughout the UNT campus of general access computing labs; a project which marks its tenth anniversary in the year 2000. In these labs UNT students, and to a lesser extent, faculty and staff have available to them the latest in computing technology and printing services at no additional cost. Though all these labs serve the entire university student community, many have unique characteristics, software, and hardware designed to specifically cater to the needs of the colleges and schools in which they are located. The General Access Computing System was formally established in early 1990 utilizing university-applied student course fees to help provide all students in all colleges and departments equity in computing resources. This emphasis on "distributed computing" was crucial to the development of the first general access labs. Before this time all computer labs were purchased from individual college funds and college student fees.

UNT computer labs provide valuable additions to students' computing resources

There are currently thirteen general access labs scattered around campus. These are not to be confused with additional specialty labs where a student might gain access through their major study area. Some of the first labs were established in the College of Business Administration (COBA), the College of Education (COE) and the Willis Library. The most recently built labs include the School of Visual Arts (SOVA), the College of Music Lab (COM) and the Adaptive Lab in Chilton Hall.



One room of the COBA lab

Though many students have computers and small printers in their dorm rooms or in off-campus residences, few can pay to upgrade hardware and software regularly, and much equipment as well as many applications are simply too expensive to afford for individual use. For the semi-equipped student, the labs thus provide valuable additional digital peripherals such as CD-ROM burners, a variety of scanners, color and laser printing and the latest creative and statistical software for their class work. For the student who does not have the luxury of owning any computer, the labs are a lifesaver in terms of service and support. Additionally, UNT's general access labs should be considered an almost unlimited pool of digital potential for the creative and innovative "gearhead" as well as a fine "test before you buy" resource for others as yet unsure of their computing needs and goals. The tour of the labs provided in this article will show all interested users that this university asset provides them with options ranging from a quick check of email to the creation of a full-length digital motion picture with sound effects!

Fame and fortune could be a lab visit away



The College of Music Lab has a variety of creative digital equipment available for use

A visit to the College of Music lab and the School of Visual Arts lab provides a potential Stephen Spielberg, George Lucas, Wendy Carlos, or Danny Elfman

with everything needed for creative fame and fortune. Featuring some of the fastest and peripheral-packed Macintosh and Pentium computers on campus, the Music lab provides over 40 workstations with electronic keyboards and several additional stations with scanners and digital audio recording hardware and software. A highlight of the lab is its two multimedia stations for video digitization projects and movie-making. Digital video cameras and digital audio recording equipment are also available for checkout. The School of Visual Arts lab also has an equal mix of powerful Mac and PC machines and the greatest variety of printing and scanning resources on campus. Slide and negative scanners as well as large-scale color printing are featured bonuses and a variety of multimedia software (way beyond PowerPoint!) is available for use. Though primarily utilized by art and music majors, these labs are *general* access labs and can be shared by everyone. Potential users should keep in mind that some restrictions may apply to more highly specialized and expensive equipment use and occasionally these facilities are reserved for the teaching of classes.

Leveling the playing field for disabled students



The Adaptive Lab is located in Chilton Hall

Another enhanced general access lab is the Adaptive Lab located in Chilton Hall, room 116. Equipped and staffed to meet the specific needs of UNT students with disabilities, the lab currently includes twelve Pentium II computers with 17-inch monitors, CD-ROM drives and zip drives. Two laser printers, a Braille printer and a scanner for text and pictures are also available. Adaptive equipment includes a Chroma Color TV, ergonomic keyboards and mice, and a screen polarization filter. In addition to the generally available software, specialized software includes JAWS (a screen reader), Megadots (Braille software for texts), Dragon Naturally Speaking (voice recognition), Zoom Text (screen enlarger) and Paperport (scanning and conversion software).

Lab Features



The ACS Lab offers Linux machines

If a student is curious about the buzzwords "Linux" and "Open Source Movement" and what they mean for the future, he or she can check out the machines running the Linux operating system in the Academic Computing Services general access lab (ISB 110 - in the Science and Technology Library). The ACS lab is currently the only lab with Linux machines available for the general student population and plans to add even more to its Linux inventory in the next few months due to increased student demand. The ACS lab also features all currently available statistics software packages (S-Plus, SPSS, SAS) on Pentium III 600 MHz machines for optimal use. The statistics software can also be found in the COBA, COE, Chilton Hall, and many of the College of Arts and Sciences (CAS) labs. Additional mention should be made of the lab located in the School of Library and Information Science (ISB 205c) which has been specially designated for graduate student use.

All of the labs feature the Microsoft Office Suite, Netscape and Internet Explorer, ftp software, and terminal emulation software as part of their general computer menus. In addition to these resources, students will find an increasing amount of other standard lab features as managers continue to adapt their facilities to changing and expanding student needs. CD-ROM burners are becoming the norm rather than the exception in most labs and accommodation for the multimedia needs of WebCT-based course participants (headphone jacks, browser plug-ins) are provided. Currently the ACS lab and the Chilton labs feature the necessary plug-ins for the viewing, editing, and composing of texts and the internet in multiple language characters (Chinese, Japanese, Arabic to name a few) and the expansion of this type of access is planned in the other labs as practical and appropriate.

The 24-7 lab



The Willis Library Lab is open 24 hours

This article would not be complete without mentioning one of the favorite lab features on campus: the 24-hour, seven-days-a-week access of the Willis Library lab where even the most ardent procrastinator or night owl can complete his or her project at 3:00 a.m. if needed or desired! The Willis Lab has recently upgraded all of its Pentium-based machines to PIII 800 MHz level with an upgrade of its Macintosh resources planned for next year.

There is a lab just right for you ...

The general access computing accommodations on the UNT campus are so vast and varied that many members of the university community are not even fully aware of all their many features and functions. Various resources are publicly provided for additional information. The official General Access Lab System Website is located at www.gal.unt.edu and contains information such as lab hours, locations, and phone numbers and a complete listing of all lab managers. Information about lab manager meetings (GALMAC, the committee of lab managers meets monthly) is publicly posted and interested students are welcome to attend. Pamphlets located at the Computing Center Help Desk (ISB 119) and in the labs clearly state lab locations, regulations, hours and contact information and include a handy map to each facility.

Additionally, students are urged to visit each of the labs and are strongly encouraged to make hardware, software, and service suggestions to the lab managers and to their student senators. As we begin our second decade of general access lab use, all UNT community members are also asked to be patient and courteous as well as mindful of lab regulations when taking advantage of these valuable facilities so that we may continue to enjoy the resources for many more years to come.

Elizabeth Hinkle-Turner is Student Computing Services Manager for the University of North Texas and the manager of the Academic Computing Services general access lab. She would like to thank the members of GALMAC and Cengiz Capan for much of the information for this article.

[Page One](#)

[Campus
Computing News](#)

[Welcome to the
New Millennium!](#)

[UNT's General
Access Labs](#)

Did You Get Your
EagleMail?

[SAS Corner](#)

[Today's Cartoon](#)

[RSS Matters](#)

[The Network
Connection](#)

[List of the Month](#)

[WWW@UNT.EDU](#)

[Short Courses](#)

[IRC News](#)

[Staff Activities](#)

[Subscribe to
Benchmarks
Online](#)

Did You Get Your EagleMail?

It is very important for all UNT students to have an EagleMail account. If you are a student and don't have an account, please get one A.S.A.P. If you are a faculty member, please encourage your students to get an account as it will facilitate your (and the University's) ability to communicate with your classes via [Bulk E-mail](#). This article first appeared in the [August, 2000](#) issue of [Benchmarks Online](#). -- Ed.

By [Sandy Burke](#), Manager of Computing Center Help Desk Support Services

Students are required by [University policy](#) to activate and read their UNT E-mail, called EagleMail. Faculty and staff can also follow the procedure below to activate a UNT Internet Services account if they require network dial-up or other services provided with that account.

If you already have an EagleMail (or UNT Internet) account, you do not have to do this again. This ID/password is needed to access the UNT student E-mail services, as well as the UNT Internet Services.

To Activate EagleMail or UNT Internet Services:

- Go to <http://getlogin.unt.edu/>
- Complete the requested information (UNT ID#, Birthdate, and Last Name)
- When asked, type in your own unique password.
- Be sure to record your E-mail address somewhere so you can remember it, as the "secure" form will not print from your browser.
- The Internet account will be activated at 8:30pm the same day you apply.

To use EagleMail:

- After your account is activated, you can access your UNT EagleMail.
- Go to <http://eaglemail.unt.edu/>
- Put in your UNT Internet account ID (usually 2 to 3 initials and 4 numbers).
- Put in your self-assigned password.

To change your password/forward your mail:

- Go to the Account Management Page: <http://people.unt.edu/manage>
- Log in with your EagleMail (or UNT Internet) Account ID and password.
- From the menu select "Change Your Password". You can also select "Email Services" and choose to forward your mail to another Internet Service Provider or GroupWise account from this menu.

Any questions/problems?

Either stop by the Computing Center Helpdesk Office in the Information Sciences Building, Room 119, or call us at 940-565-2324 between 8am and 8pm Monday-Friday, or 9am and 2pm on Saturday. You can also send us E-mail at Helpdesk@unt.edu

[Page One](#)

[Campus Computing News](#)

[Welcome to the New Millennium!](#)

[UNT's General Access Labs](#)

[Did You Get Your EagleMail?](#)

[SAS Corner](#)

Today's Cartoon

[RSS Matters](#)

[The Network Connection](#)

[List of the Month](#)

[WWW@UNT.EDU](#)

[Short Courses](#)

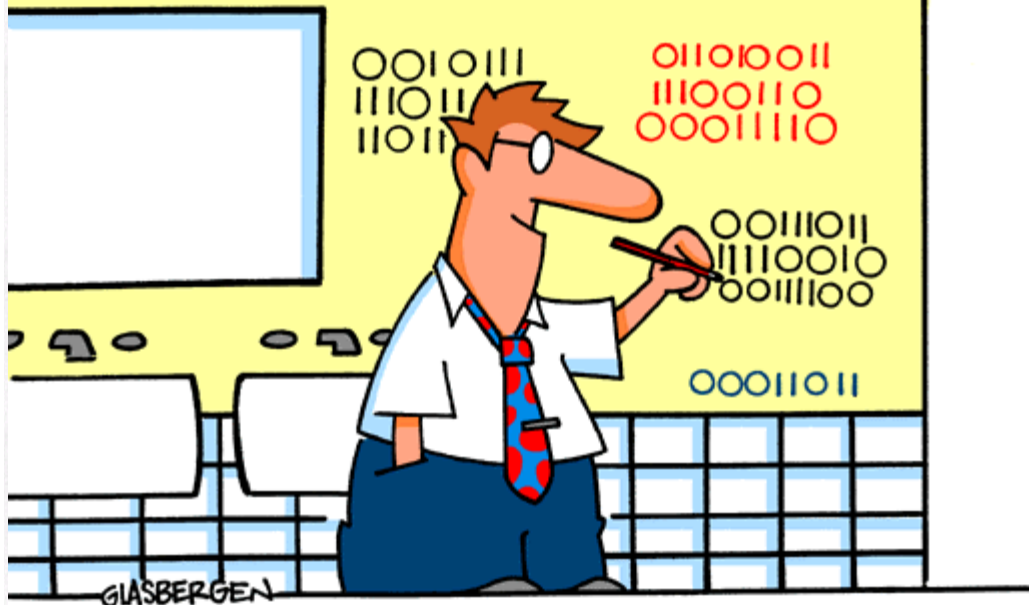
[IRC News](#)

[Staff Activities](#)

[Subscribe to Benchmarks Online](#)

TODAY'S CARTOON

© 2001 Randy Glasbergen.
www.glasbergen.com



GRAFFITI FOR THE NEW MILLENNIUM.

From "Today's Cartoon by Randy Glasbergen", posted with special permission. For many more cartoons, please visit www.glasbergen.com.