A photograph of a person riding a horse in a field at sunset. The sun is low on the horizon, creating a warm, golden glow. The rider is silhouetted against the bright sky. The field is filled with tall grasses, and there are trees in the background. The overall scene is peaceful and evokes a sense of the Wild West.

# Online Assessment

...taming the "Virtual Wild West"

Do your students cheat?

Yup.

# Can you stop it?

Nope.

But you can do things to make it more difficult for them.

# How bad is it?

- 100%
- 75%
- 25%
- Less than 25%

# Cheating Trends

- Cheating increases with the age of the student at least through age 25
  - Cizek, 1999
- People who feel more "distant" cheat more
  - George and Carlson, 1999; Burgoon et al, 2003

# Why Cheat?

- Competition and pressures for good grades
- Instructional situations that are perceived as unfair or excessively demanding
- Faculty who are perceived as uncaring or indifferent to their own teaching or to their students' learning
- Lax attitudes on the part of faculty toward academic dishonesty
- Peer pressure to support a friend
- A diminishing sense of academic integrity and ethical values among students.

-Davis B.G., 1993

# 3 Tiers of Defense

- Deterrence
- Detection
- Discipline



# Deterrence

- Define scholastic dishonesty upfront
- Institutional Honor Code
- Agreement not to cheat
- Proctored Exams
- Be aware of what students have access to
- Neat WebCT Tricks



# Scholastic Dishonesty Defined

- Scholastic dishonesty includes but is not limited to cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, any act designed to give unfair advantage to a student or attempt to commit such acts.

-Regent's Rules and Regulations, Part One, Chapter VI, Section 3, Subsection 3.2, subdivision 3.22

# Institutional Honor Code

## ■ Center for Academic Integrity

The screenshot shows the homepage of the Center for Academic Integrity. The header includes the organization's name, a tagline, and a navigation menu. A sidebar on the left lists various resources. The main content area features a welcome message, a news item about the 2004 Templeton Fellows, and an announcement for the CAI '05 International Conference. A footer section provides resources for starting an academic integrity program.

**THE CENTER FOR ACADEMIC INTEGRITY**

JOINING TOGETHER TO PROMOTE INTEGRITY IN ACADEMIC COMMUNITIES

Home Membership Benefits Join CAI Make a Contribution Members Only Site Map

KENAN INSTITUTE FOR ETHICS  
DUKE UNIVERSITY

**About Us**  
How to Get Started  
Honor Codes  
Fundamental Values Project  
Assessment Guide  
Calendar & Events  
Fellowships  
CAI Research  
Useful Links  
Member Institutions  
CAI Board  
Search Resource Database  
En Español

**Welcome**

The Center for Academic Integrity provides a forum to identify, affirm, and promote the values of academic integrity among students, faculty, teachers and administrators. The CAI Web site is divided into a public tier, which contains general information about the Center and its activities, and a members-only tier, which contains specific information on CAI projects, research, and a list-server for members to exchange ideas and information. Learn how your academic institution can gain access to all of the online resources provided by the CAI by [becoming a member](#) today.

**2004 Templeton Fellows Selected**

**CAI '05 International Conference**  
Virginia Tech University Blacksburg, Virginia  
October 20-23, 2005  
**CHECK BACK SOON FOR UPDATES!**

**"The Academic Integrity Assessment Guide"** Invaluable in developing a specific plan of action to promote integrity on campus. Academic Integrity is a fundamental value of teaching, learning, and scholarship. Yet, there is growing evidence that students cheat and plagiarize. Assess your climate of learning. Evaluate current academic programs and policies by [purchasing the Academic Integrity Assessment Guide](#).

**How to GET STARTED Resources for Starting an Academic Integrity Program**

Links followed by the symbol require the free Acrobat® Reader™. Free Download from Adobe®.

# Agreement Not to Cheat

- UT Permian Basin

The screenshot shows a Microsoft Internet Explorer browser window titled "Honor Code - Microsoft Internet Explorer". The address bar contains a local file path: "C:\Documents and Settings\dwc031000\Local Settings\Temporary Internet Files\...". The page content includes the following text and form elements:

All students enrolled in this course are assumed to have made a personal commitment to adhere to the following honor code:

Fill in the following blanks and click submit to agree to the honor code.

email address:

I  (name), by the act of enrolling in PSYC 1301, do hereby pledge that all multiple choice tests, essay tests, and Just Do It tasks that I submit online will be my own intellectual work (except for grammar and spelling). I will not collaborate intellectually with another student or nonstudent when sitting for the multiple choice and essay tests online, nor will I help another student to generate his or her online answers.

Copyright © Diana Younger and James Olson

# Proctored Exams

- Proctored Exam Information Page
- Proctored Exam Request Form
- Secure Exam Delivery System

# Be Aware Of What's Out There

- List of 225 Paper-mills from Coastal Carolina University:

<http://www.coastal.edu/library/presentations/mills2.html>

# WebCT Tricks

- Test Banks
- Randomizing Questions
- Randomizing Answers
- Making the Test "Unprintable"
- One Question at a Time
- Time Limits
- Availability
- Password
- Controlled Release of Test Information

# WebCT Tricks

- Setting up a test
- Student view

# Detection

- High-Tech

Plagiarism identifying programs

- [turnitin.com](http://turnitin.com)

- [Google](http://Google)

Statistical tests?

- [Scrutiny!](#)

- [Dr. Wesolowski's Software](#)

Compare answer patterns in WebCT

How long did the student take to complete the test?



# Detection

- Low-Tech
  - Writing Sample
  - Oral quiz on material

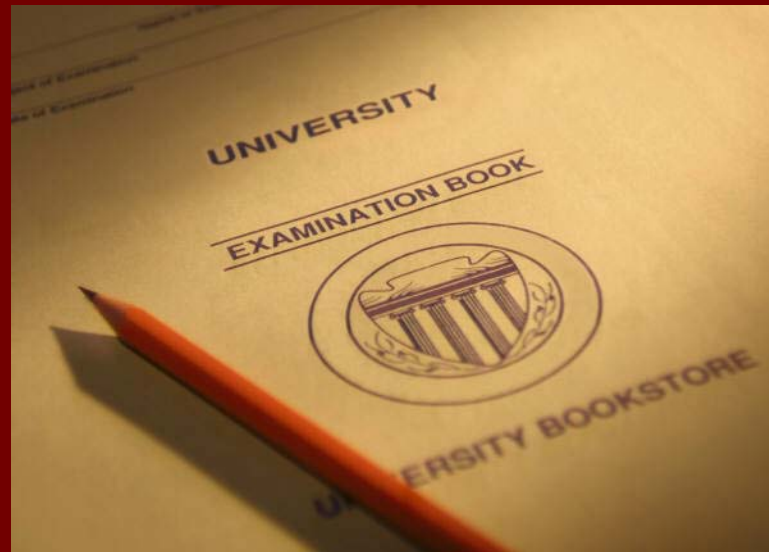
# Discipline

- Be Consistent
- Follow established procedures on reporting the incident
- BE CAREFUL!

# Scenarios

# What Can You Do?

Problem: You suspect someone other than the student might take the test.



# What Can You Do?

Problem: You suspect someone has a copy of the test.



# What Can You Do?

Problem: The student has taken the test, but for some unbeknownst reason, you did not receive it ...hmmm.



# Summary

- Cheating is widespread
- Combat Cheating with Deterrence, Detection, and Discipline
- Be vigilant!

# References

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- Cizek, G. J. (1999). *Cheating on tests: how to do it, detect it, and prevent it*. Mahwah, NJ: Lawrence Erlbaum.
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- George, J., & Carlson, J. (1999, January). Group support systems and deceptive communication. 32nd Hawaii Intl. Conf. on Systems Sciences, 1038.
- McCabe, D.L. (1999). Center For Academic Integrity Study. Retrieved February 2, 2005 from [http://www.academicintegrity.org/cai\\_research.asp](http://www.academicintegrity.org/cai_research.asp)



# Unprintable Quiz Code

copy and paste this as the upper text block of the quiz page

```
<HEAD>
<META HTTP-EQUIV="imagetoolbar" CONTENT="no">
</HEAD>

<STYLE media="print">BODY {display:none}</STYLE>

<BODY ondragstart="return false" onselectstart="return false">
<script language="JavaScript">

var message="Function Disabled!";
function clickIE() {if (document.all) {(message);return false;}}
function clickNS(e) {if
(document.layers||(document.getElementById&&!document.all)) {
if (e.which==1||e.which==2||e.which==3) {(message);return false;}}
if (document.layers)
{document.captureEvents(Event.MOUSEDOWN);document.onmousedown=clickNS;}
else{document.onmouseup=clickNS;document.oncontextmenu=clickIE;}
document.oncontextmenu=new Function("return false")

function disableselect(e){
return false
}
function reEnable(){
return true
}
document.onselectstart=new Function ("return false")
if (window.sidebar){
document.onmousedown=disableselect
document.onclick=reEnable
}
}</script>
```