To Do Today

- Plagiarism Quiz from the Knight Institute
- Discuss Essay 2 assignment
  - Pay attention to the due dates!
- First prep work for Essay 2: metaphors to explain black holes
- Reading assignment for next time

Plagiarism/Academic Dishonesty

- What qualifies as academic dishonesty?
Plagiarism/Academic Dishonesty

☆ What qualifies as academic dishonesty?
☆ Using an author’s words without credit (published or unpublished!)
☆ Using an author’s ideas without credit
☆ Using a paper for more than one class
☆ Using a quotation or source in a misleading way (i.e. to misrepresent the author/expert’s views)

Plagiarism/Academic Dishonesty

☆ What needs to be cited?
☆ Direct quotations
☆ Facts not widely known or assertions that are arguable.
☆ Judgments, opinions, and claims of others.
☆ Statistics, charts, tables, and graphs from any source.
☆ Sources that you found particularly useful or crucial to your writing.
☆ http://plagiarism.arts.cornell.edu/tutorial/exercises.cfm
Plagiarism/Academic Dishonesty

☆ What needs to be cited?
☆ Any questions? Things you’ve never been sure about? Weird situations that come up?
☆ http://plagiarism.arts.cornell.edu/tutorial/exercises.cfm

1.

Case: 1

"The ways in which domesticated animals have diverged from their wild ancestors include the following. Many species changed in size: cows, pigs, and sheep became smaller under domestication, while guinea pigs became larger."

Student Writing Sample # 1
There are many differences between domesticated and wild animals.

Does this writing sample use sources correctly?

☐ Yes
☐ No
2.

Case: 1

"The ways in which domesticated animals have diverged from their wild ancestors include the following. Many species changed in size: cows, pigs, and sheep became smaller under domestication, while guinea pigs became larger."

Student Writing Sample # 2
Domesticated animals diverged from their wild ancestors in numerous ways. Animals such as cows became smaller, while animals such as guinea pigs became larger.

Does this writing sample use sources correctly?

☐ Yes
☐ No

3.

Case: 1

"The ways in which domesticated animals have diverged from their wild ancestors include the following. Many species changed in size: cows, pigs, and sheep became smaller under domestication, while guinea pigs became larger."

Student Writing Sample # 3
A careful examination of the ways in which domesticated animals have diverged from their wild ancestors shows that cows, pigs, and sheep became smaller under domestication, while guinea pigs became larger.

Does this writing sample use sources correctly?

☐ Yes
☐ No
4.

**Case: 2**

"In Gothic writing fantasy predominates over reality, the strange over the commonplace, and the supernatural over the natural, with one definite authorial intent: to scare. Not, that is, to reach down into the depths of the soul and purge it with pity and terror (as we say tragedy does), but to get to the body itself, its glands, epidermis, muscles, and circulatory system, quickly amusing and quickly allaying the physical reactions to fear."

**Student Writing Sample # 1**
According to Ellen Moers, Gothic writings "get to the body itself, its glands, epidermis, muscles, and circulatory system, quickly amusing and quickly allaying the physical reactions to fear" (214).

Does this writing sample use sources correctly?
- [ ] Yes
- [ ] No

5.

**Case: 2**

"In Gothic writings fantasy predominates over reality, the strange over the commonplace, and the supernatural over the natural, with one definite authorial intent: to scare. Not, that is, to reach down into the depths of the soul and purge it with pity and terror (as we say tragedy does), but to get to the body itself, its glands, epidermis, muscles, and circulatory system, quickly amusing and quickly allaying the physical reactions to fear."

**Student Writing Sample # 2**
Gothic novels such as Frankenstein were written with one definite authorial intent: to scare (Moers 214).

Does this writing sample use sources correctly?
- [ ] Yes
- [ ] No
6.

Case: 2


"In Gothic writings fantasy predominates over reality, the strange over the commonplace, and the supernatural over the natural, with one definite authorial intent: to scare. Not, that is, to reach down into the depths of the soul and purge it with pity and terror (as we say tragedy does), but to get to the body itself, its glands, epidermis, muscles, and circulatory system, quickly arousing and quickly allaying the physical reactions to fear."

Student Writing Sample # 3

While tragedy affects the soul, Gothic writings affect the body.

Does this writing sample use sources correctly?

- Yes
- No

7.

Case: 3


"I greedily devoured the remnants of the shepherd’s breakfast, which consisted of bread, cheese, milk, and wine; the latter, however, I did not like."

Student Writing Sample # 1

In his tale, Frankenstein’s monster recounts how he greedily devoured the remnants of the shepherd’s breakfast, thus showing his extreme hunger.

Does this writing sample use sources correctly?

- Yes
- No
8. Case: 4

MICHELANGELO
1475 - 1564
Italian, Florentine
A painter, on panel
and in fresco, a
sculptor, architect
and poet.
Michelangelo
Buonarroti was the
first artist
recognized by
contemporaries as a
genius.

Student Writing Sample # 1
Michelangelo was a famous painter born in 1475.

Does this writing sample use sources correctly?

Yes
No

9. Student Writing Sample # 2

Does this writing sample use sources correctly?

Yes
No
Does this writing sample use sources correctly?

Yes
No
The search for the woodpecker began earnestly after a Feb. 11, 2004 sighting by a kayaker in Cache River National Wildlife Refuge. A report of the sighting eventually worked its way to Tim Gallagher, the editor-in-chief of Living Bird, the Cornell Lab of Ornithology's quarterly magazine.

Student Writing Sample # 1
Occasionally, species once thought extinct resurface when researchers examine possible new habitats. The ivory-billed woodpecker, for example, has just been rediscovered in the wild by Cornell researchers, who launched a search after an amateur sighting in February of 2004 (Morisy 1). Works Cited Morisy, Michael. "Extinct' Woodpecker Found." Cornell Daily Sun 29 April 2005: 1, 4.

Does this writing sample use sources correctly?

☐ Yes
☐ No
1.

**Case: 1**


"The ways in which domesticated animals have diverged from their wild ancestors include the following. Many species changed in size: cows, pigs, and sheep became smaller under domestication, while guinea pigs became larger.*

**Student Writing Sample # 1**

There are many differences between domesticated and wild animals.

**Does this writing sample use sources correctly?**

- [ ] Yes
- [ ] No

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**Answer:** Yes. By definition, domesticated and wild animals are different; thus, the student has not reproduced an idea or piece of research unique to Diamond’s work.
2.

Case: 1

"The ways in which domesticated animals have diverged from their wild ancestors include the following. Many species changed in size: cows, pigs, and sheep became smaller under domestication, while guinea pigs became larger."

Student Writing Sample # 2
Domesticated animals diverged from their wild ancestors in numerous ways. Animals such as cows became smaller, while animals such as guinea pigs became larger.

Does this writing sample use sources correctly?

☐ Yes
☐ No

Answer: No. This sample uses information and ideas from Diamond's passage that are not common knowledge. The writer simply rephrases each of Diamond's sentences in the original order. Since the student uses no documentation whatsoever, this sample involves plagiarism.
3.

Case: 1

"The ways in which domesticated animals have diverged from their wild ancestors include the following. Many species changed in size: cows, pigs, and sheep became smaller under domestication, while guinea pigs became larger."

Student Writing Sample # 3:
A careful examination of the ways in which domesticated animals have diverged from their wild ancestors shows that cows, pigs, and sheep became smaller under domestication, while guinea pigs became larger.

Does this writing sample use sources correctly?

☐ Yes
☐ No

Answer: No. This writing sample quotes two passages verbatim from Diamond: "the ways in which domesticated animals have diverged from their wild ancestors" and "cows, pigs, and sheep became smaller under domestication, while guinea pigs became larger." Although the student strings these quotations together in his/her own sentence, both the ideas and phrasing belong to Diamond. Without quotation marks or an attribution to Diamond, this writing sample clearly constitutes plagiarism.


"The ways in which domesticated animals have diverged from their wild ancestors include the following. Many species changed in size: cows, pigs, and sheep became smaller under domestication, while guinea pigs became larger."

Student Writing Sample # 3:
A careful examination of the ways in which domesticated animals have diverged from their wild ancestors shows that cows, pigs, and sheep became smaller under domestication, while guinea pigs became larger.

Does this writing sample use sources correctly?

☐ Yes
☐ No
4.

Case: 2

"In Gothic writings fantasy predominates over reality, the strange over the commonplace, and the supernatural over the natural, with one definite authorial intent: to scare. Not, that is, to reach down into the depths of the soul and purge it with pity and terror (as we say tragedy does), but to get to the body itself, its glands, epidermis, muscles, and circulatory system, quickly arousing and quickly allaying the physical reactions to fear."

Student Writing Sample # 1
According to Ellen Moers, Gothic writings’ "get to the body itself, its glands, epidermis, muscles, and circulatory system, quickly arousing and quickly allaying the physical reactions to fear" (214).

Does this writing sample use sources correctly?

☐ Yes
☐ No

Answer: Yes. This writing sample introduces the quote with an attribution to Moers, then puts her words within quotation marks and gives the appropriate page number. The reader knows exactly which words belong to Moers and where to find the quote in her work. Following MLA format, the full bibliographic information for Moers’s article then appears in a “Works Cited” list at the end of the essay.


"In Gothic writings fantasy predominates over reality, the strange over the commonplace, and the supernatural over the natural, with one definite authorial intent: to scare. Not, that is, to reach down into the depths of the soul and purge it with pity and terror (as we say tragedy does), but to get to the body itself, its glands, epidermis, muscles, and circulatory system, quickly arousing and quickly allaying the physical reactions to fear."

Student Writing Sample # 1
According to Ellen Moers, Gothic writings’ "get to the body itself, its glands, epidermis, muscles, and circulatory system, quickly arousing and quickly allaying the physical reactions to fear" (214).

Does this writing sample use sources correctly?

☐ Yes
☐ No
Answer: No. This is a tricky case. Although the student cites Moers and the page number in parentheses, there is an unmarked direct quotation in the sentence (i.e. "with one definite authorial intent: to scare"). Without quotation marks to set off this phrase, the reader assumes that only the idea comes from Moers, not the actual words. Furthermore, verbatim use of a striking phrase may make readers who are familiar with the source suspicious of your integrity.

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Student Writing Sample # 2

Gothic novels such as Frankenstein were written with one definite authorial intent: to scare (Moers 214).

Does this writing sample use sources correctly?

☐ Yes
☐ No
Answer: No. This writing sample summarizes Moers's opinion about the difference between tragic and Gothic writing. Her definitions of tragedy and Gothic are not common, dictionary definitions; instead, she proposes a specialized way of viewing both genres as part of her overall theory. In addition, the student borrows Moer's opposition between soul and body, tragedy and Gothic (i.e. why not Gothic and comedy? Gothic and satire? Gothic and epic?). This writing sample thus needs to document its sources.

"In Gothic writings fantasy predominates over reality, the strange over the commonplace, and the supernatural over the natural, with one definite authorial intent: to scare. Not, that is, to reach down into the depths of the soul and purge it with pity and terror (as we say tragedy does), but to get to the body itself, its glands, epidermis, muscles, and circulatory system, quickly arousing and quickly allaying the physical reactions to fear."

Student Writing Sample # 3
While tragedy affects the soul, Gothic writings affect the body.

Does this writing sample use sources correctly?

☐ Yes
☐ No
Case: 3

"I greedily devoured the remnants of the shepherd’s breakfast, which consisted of bread, cheese, milk, and wine; the latter, however, I did not like."

Student Writing Sample # 1
In his tale, Frankenstein’s monster recounts how he greedily devoured the remnants of the shepherd's breakfast, thus showing his extreme hunger.

Does this writing sample use sources correctly?

☐ Yes
☐ No

Answer: No. The student here is using a word-for-word quotation (i.e. "greedily devoured the remnants of the shepherd’s breakfast") to support the claim that Frankenstein’s monster suffered from extreme hunger. While the claim belongs to the student, the phrasing of the evidence belongs to Shelley; to avoid plagiarism, therefore, this direct quotation needs to be set off by quotation marks and properly documented.


"I greedily devoured the remnants of the shepherd’s breakfast, which consisted of bread, cheese, milk, and wine; the latter, however, I did not like."

Student Writing Sample # 1
In his tale, Frankenstein’s monster recounts how he greedily devoured the remnants of the shepherd's breakfast, thus showing his extreme hunger.

Does this writing sample use sources correctly?

☐ Yes
☐ No
Answer: Yes. Since the student has used historical information that is readily available and not in dispute, there is no need to cite an external source.
Answer: No. This case involves not a verbal quotation, but rather an image cut-and-pasted directly from a website. Just as with textual sources, visual sources must be acknowledged. For a full citation of this image, the student should label the image with the basic information that the National Gallery itself cites (i.e. “Marcello Venusti, Portrait of Michelangelo, 1535, Florence, Casa Buonarroti”), then follow this with the bibliographic information for the Internet source.
10. **Answer: Yes.** The writer gives the title and source of the original UN briefing packet within the sentence, then cites in a footnote the secondary Internet source where the information was actually obtained. Note that the date of access is usually required in citing Internet sources, since web content can change frequently.

Student Writing Example #1

According to the United Nations briefing packet entitled 1999 Revision of World Population Prospects, Latin America will account for 9.1% of global population by 2050.

Does this writing sample use sources correctly?

☐ Yes

☐ No
11. **Answer:** No. The information presented here is specialized and precise; it is not common knowledge, and in fact could vary slightly depending on the source consulted. Since the preponderance of content and format have been derived from this website, the writer must document the source.

### Student Writing Sample #1

The snowdrop, which originates in Europe, has bulbs 8 to 9 inches tall (18-22 cm) and needs medium moisture.

### Does this writing sample use sources correctly?

- [ ] Yes
- [ ] No
12.

**Case: 7**


The search for the woodpecker began earnestly after a Feb. 11, 2004 sighting by a kayaker in Cache River National Wildlife Refuge. A report of the sighting eventually worked its way to Tim Gallagher, the editor-in-chief of Living Bird, the Cornell Lab of Ornithology’s quarterly magazine.

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**Student Writing Sample # 1**

Occasionally, species once thought extinct resurface when researchers examine possible new habitats. The ivory-billed woodpecker, for example, has just been rediscovered in the wild by Cornell researchers, who launched a search after an amateur sighting in February of 2004 (Morisy 1). Works Cited Morisy, Michael. "Extinct Woodpecker Found." Cornell Daily Sun 29 April 2005: 1, 4.

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Does this writing sample use sources correctly?

- [ ] Yes
- [X] No

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**Answer: Yes.** Although many details from the original newspaper article have been omitted, the article should be cited as a source if the writer paraphrases its content or draws upon it for specific information. To acknowledge this indebtedness to the Cornell Sun article, the student uses a brief parenthetical citation within the text, supplemented by the full bibliographic entry in a "Works Cited" page at the end.

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The search for the woodpecker began earnestly after a Feb. 11, 2004 sighting by a kayaker in Cache River National Wildlife Refuge. A report of the sighting eventually worked its way to Tim Gallagher, the editor-in-chief of Living Bird, the Cornell Lab of Ornithology’s quarterly magazine.

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**Student Writing Sample # 1**

Occasionally, species once thought extinct resurface when researchers examine possible new habitats. The ivory-billed woodpecker, for example, has just been rediscovered in the wild by Cornell researchers, who launched a search after an amateur sighting in February of 2004 (Morisy 1). Works Cited Morisy, Michael. "Extinct Woodpecker Found." Cornell Daily Sun 29 April 2005: 1, 4.

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Does this writing sample use sources correctly?

- [ ] Yes
- [X] No
In class, we have been working on the use of outside sources in written material. This is especially important in science communication. When you read articles in the newspaper or in magazines about science, it is very common to read a quotation from a particular scientist. This expert testimony lends weight and credibility to information and arguments.

In this assignment, you will write a 4-to-5-page newspaper article about black holes, using quotations from our readings (Ferreira & Hooper in particular) to convince your readers of the scientific validity of what you are telling them. You are a journalist writing for the New York Times in the year 2509. The International Space Administration has launched a major mission; for the first time, astronauts are going to explore the region around a black hole. It is your job to explain to your readers what a black hole is, how it fits into Einstein’s idea of relativity and, most importantly, why this is a dangerous mission and why safety precautions will be so important. Describe the mission, what it hopes to accomplish, what the astronauts might expect to experience, and why your readers (the taxpayers!) should be interested in the results of this mission.

Questions so far?
Essay 2

- Be sure to explain to your audience, who are not scientists and have most likely never taken a course like Astronomy 1109, how gravity, space, and time behave in strange ways when one is very near a black hole. Remember that while newspaper articles may not have a traditional thesis statement, they do have a beginning, a middle, and a solid end with summaries and conclusions.

- Be certain to include quotations from Hooper, Ferreira, or the authors of other works we read in class, citing their books and credentials as appropriate. This will help you practice incorporating sources into your written work, which will factor heavily in the final essay assignment for the course. You may use other sources if you like, or if it helps you in completing this assignment.

- ANY QUESTIONS?

Essay 2 Due Dates

- **First draft** is due Tuesday, February 10th, at the beginning of class. BRING TWO COPIES: one for me, and one for your peer-review partner.

- We will then work on Peer Review, with reports due on Thursday, February 12th.

- Your second and final draft is due Tuesday, February 17th.

- Get the assignment from the webpage.

- Questions?
What kinds of information might you want to include?

What questions do you think the average reader/taxpayer might have?
In *Dark Cosmos*, Dan Hooper uses a *metaphor* to explain the warping of space-time. What is the metaphor?
Group Work: Random Groups

- Dan, John, Meghan, Zun
- Eli, Colleen, Justin, Ethan
- Rashik, Dipsah, DJ
- Faheem, Sam, Nicki
- Yan, Ryan, Jonathon

In Dark Cosmos, Dan Hooper uses a metaphor to explain the warping of space-time. What is the metaphor?

Work with your group to develop a metaphor to explain some portion of Essay #2 — something to do with a mission to a black hole. Select someone to read your metaphor to the class.

Reading Assignment/Questions

- Next time we'll work with incorporating quotations into your writing.
- Black Holes: Gravity's Relentless Pull (from Hubble Space Telescope)
- Tyson, Neil de Grasse. "Death by black hole."
- Tyson, Neil de Grasse. "Speed limit."
- Connor, Steve. "Who knows the dark secrets of black holes?"
- Connor, Steve. "The man who got to the bottom of black holes."
- It's a good idea to print the articles out and bring them for next time.

OPTIONAL: This interview with Neil deGrasse Tyson might be helpful. (you can pick out the sections you want to watch; look under "Play Highlights." I'd recommend the first 10 minutes or so.)