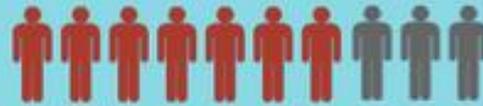


\*Think Critically!  
[Evaluate that  
Information]



Dr. Rob Hallis  
Instructional Design Librarian  
Associate Professor of Library Services  
University of Central Missouri  
BME, BM, BA, MM, MLIS, Ph.D.

**WHAT IS MOST DIFFICULT ABOUT RESEARCH?**



**7 OUT OF 10 STUDENTS USE WIKIPEDIA**

**92%**  
SEARCH ENGINES

**84%**  
GETTING STARTED

**WHAT OTHER SOURCES DO STUDENTS USE FOR COURSE RESEARCH?**

**88%**

**DATABASES**

**83%**

**INSTRUCTORS**

**30%**

**LIBRARIANS**

**WHAT DO STUDENTS DO IN THE LIBRARY DURING CRUNCH TIME?**



**81%**

**CHECK MESSAGES**



**73%**

**PREPARE ASSIGNMENTS**



**62%**

**STUDY & REVIEW**

The data in this infographic comes from Project Information Literacy's publications *Balancing Act: How College Students Manage Technology While in the Library during Crunch Time* and *Truth Be Told: How College Students Evaluate and Use Information in the Digital Age*.

# \*Critical Thinking

- \* mode of thinking – about any subject, content, or problem – in which the thinker improves the quality of his or her thinking by skillfully analyzing, assessing, and reconstructing it.
- \* self-directed, self-disciplined, self-monitored, and self-corrective thinking.
- \* entails effective communication and problem-solving abilities

# ELEMENTS OF THOUGHT:

THINKING THINGS THROUGH



<b>Purpose</b>	What am I trying to achieve or make happen?
<b>Question at Issue</b>	What is the central question I am trying to think through?
<b>Information</b>	What facts, data, or evidence do I need to figure things out?
<b>Concepts</b>	What are the organizing ideas, theories, or principles that influence my thinking?
<b>Assumptions</b>	What am I taking for granted that forms the basis of my thinking?
<b>Interpretation</b>	What are the connections I am making, and conclusions or solutions I am coming to?
<b>Implications</b>	What are the consequences that follow from my line of thinking?
<b>Points of View</b>	What are the other relevant perspectives that I need to consider?



Poster brought to you by  [louisville.edu/idea/taoaction](http://louisville.edu/idea/taoaction)  
Adapted with permission from *The Miniature Guide to Critical Thinking Concepts and Tools* by Richard Paul and Linda Elder, 2012, Tomales, CA: Foundation for Critical Thinking Press. [www.criticalthinking.org](http://www.criticalthinking.org)

UNIVERSITY OF  
**LOUISVILLE.**

# \* Meeting the Needs of New Library Users

- \* Bibliographic Paradigm [Certainty and Order]
  - \* Finding the answer
  - \* Information is a thing / Given out
  - \* Locating a thing
- \* Information Search Process 1993
- \* Constructive Process [Uncertainty and Confusion]
  - \* Inquiry Method [Users' structuring information]
  - \* Guiding a process

Kuhthau, Carol Collier. Seeking Meaning: A Process Approach to Library and Information Services. Libraries Unlimited, London, 2004

# \* Moving beyond “Driving the Database”

- \* Tool Sequence / Limited Transferability

- \* How but not Why
- \* Pathfinders
- \* Database Tutorials

- \* Constructionist Process: 6 stages

- \* Task Initiation
- \* Topic Selection
- \* Prefocus Exploration
- \* Focus Formulation
- \* Information Collection
- \* Search Closure



# \* LINKING through Process

\* Idea / Discovery Tool / Resources

Brain Usage 10%

SEARCH

Help | About | Feedback

Brain Usage 10%  [Advanced Search](#)

Keep search refinements  New search

Search for **Brain Usage 10%** returned **227,540** results

Relevance

**Refine your search**

- Items with full text online
- Limit to articles from scholarly publications, including peer-review
- Limit to articles from peer-reviewed publications
- Exclude Newspaper Articles
- Items in the library catalog
- Add results beyond your library's collection

**Content Type**

- Any
- Book / eBook (91,804)
- Journal Article (89,545)
- Dissertation/Thesis (26,322)
- Book Chapter (8,410)
- Newspaper Article (8,104)
- Conference Proceeding (6,160)

[more...](#)

**Subject Terms**

- Any
- electronic books (27,346)
- multi-user (23,248)
- usage (21,028)

---

**Usage**

 by Charara, Hayan  
01/2010, ISBN 9781124065731  
... **USAGE** A Dissertation Presented to The Faculty of the Department of English University of Houston In Partial Fulfillment Of the Requirements for the Degree... Original writing, Arab-American, Language, literature and linguistics, American literature, Poetry  
 Dissertation/Thesis: Full Text Online

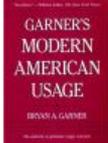
---

**Brain energy supply and usage**

 by Howarth, Clare  
01/2008, ISBN 9781303328480  
.... This thesis addresses four aspects of the energy supply to the **brain**. First, blood flow is increased to areas where neurons are more active, and it is this blood flow increase which forms the basis of functional imaging techniques... Conscious perception, (UMI)AAIU591224, Blood flow, Neuronal activity, Cerebral energy consumption  
 Dissertation/Thesis: Full Text Online

---

**Garner's modern American usage**

 by Garner, Bryan A  
2003, 2nd ed., ISBN 9780195161915, xlv, 879  
Americanisms, Usage, English language  
 Book: LIB USE ONLY, Ref PE2827 G37 2003, UCM Reference

# \* Library Assignments

- \* Focusing the question
- \* Analyzing an article
- \* Career Information
- \* Mediated Opinion
- \* Current Information



# \* Focusing the Question

## \* Idea / Library Discovery Tool / Resources

Brain Usage 10%

SEARCH Help | About | Feedback

Brain Usage 10% Search Advanced Search

Keep search refinements  New search

Search for **Brain Usage 10%** returned **227,540** results

Relevance 🔍 🔄

**Usage** 🔍 🔄

 by Charara, Hayan  
01/2010, ISBN 9781124065731  
... **USAGE** A Dissertation Presented to The Faculty of the Department of English University of Houston In Partial Fulfillment Of the Requirements for the Degree... Original writing, Arab-American, Language, literature and linguistics, American literature, Poetry  
📖 Dissertation/Thesis: Full Text Online

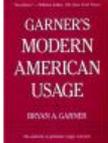
---

**Brain energy supply and usage** 🔍 🔄

 by Howarth, Clare  
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.... This thesis addresses four aspects of the energy supply to the **brain**. First, blood flow is increased to areas where neurons are more active, and it is this blood flow increase which forms the basis of functional imaging techniques... Conscious perception, (UMI)AAIU591224, Blood flow, Neuronal activity, Cerebral energy consumption  
📖 Dissertation/Thesis: Full Text Online

---

**Garner's modern American usage** 🔍 🔄

 by Garner, Bryan A  
2003, 2nd ed., ISBN 9780195161915, xlv, 879  
Americanisms, Usage, English language  
📖 Book: LIB USE ONLY, Ref PE2827 G37 2003, UCM Reference

**Refine your search**

- Items with full text online
- Limit to articles from scholarly publications, including peer-review
- Limit to articles from peer-reviewed publications
- Exclude Newspaper Articles
- Items in the library catalog
- Add results beyond your library's collection

**Content Type**

- Any
- Book / eBook (91,804)
- Journal Article (89,545)
- Dissertation/Thesis (26,322)
- Book Chapter (8,410)
- Newspaper Article (8,104)
- Conference Proceeding (6,160)
- [more...](#)

**Subject Terms**

- Any
- electronic books (27,346)
- multi-user (23,248)
- usage (21,028)



10% brain usage

Search Advanced Search

10% brain usage



Search Results: Your search

## Refine your search

- Items with full text online
- Limit to articles from scholarly publications, including peer-review
- Limit to articles from peer-reviewed publications
- Exclude Newspaper Articles
- Items in the library catalog
- Add results beyond your library's collection

## ▼ Content Type

- Any
- Book / eBook (87,500)
- Journal Article (56,983)
- Dissertation/Thesis (26,322)
- Newspaper Article (8,058)
- Magazine Article (2,570)
- Book Review (1,476)
- [more...](#)

## ▼ Subject Terms

- Any
- electronic books (25,031)
- multi-user (21,366)
- history (17,238)
- usage (14,873)
- e-bok (13,764)
- research (13,094)
- [more...](#)

## ▼ Publication Date

Any


[Web](#)
[Videos](#)
[Shopping](#)
[Images](#)
[News](#)
[More ▾](#)
[Search tools](#)

About 5,700,000 results (0.34 seconds)

### Ten percent of brain myth - Wikipedia, the free encyclopedia

[en.wikipedia.org/wiki/Ten\\_percent\\_of\\_brain\\_myth](http://en.wikipedia.org/wiki/Ten_percent_of_brain_myth) ▾ Wikipedia ▾

The **10% of brain** myth is the widely perpetuated urban legend that most or all humans only make **use** of 3%, **10%**, 27% or some other small percentage of their ...

[Origin](#) - [Refutation](#) - [Perpetuation in pop culture](#) - [See also](#)

### Do People Only Use 10 Percent of Their Brains? - Scientific ...

[www.scientificamerican.com](http://www.scientificamerican.com) > ... > [Fact or Fiction](#) ▾ Scientific American ▾

Feb 7, 2008 - Adding to that mystery is the contention that humans "only" employ **10** percent of their **brain**. If only regular folk could tap that other 90 percent, ...

### News for 10% brain usage



#### All You Need To Know About the 10 Percent Brain Myth, in ...

[Wired](#) - 6 days ago

It's based on the immortal myth that we **use** only **10** percent of our **brains**. Johansson's character is implanted with drugs that allow her to ...

### More news for 10% brain usage

### Do We Use Only 10% of Our Brain?

<https://faculty.washington.edu/.../tenper.html> ▾ University of Washington ▾

There is no scientific evidence to suggest that we **use** only **10%** of our **brains**. Let's look at the possible origins of this "**10% brain use**" statement and the ...

### What Percentage Of Our Brains Do We Actually Use ...

[www.huffingtonpost.com/.../ted-ed-percentage-brai...](http://www.huffingtonpost.com/.../ted-ed-percentage-brai...) ▾ The Huffington Post ▾

Feb 4, 2014 - It's commonly said that we humans **use** only about **10** percent of our **brains**, with some people attributing Einstein's brilliance to his ability to ...

Though an alluring idea, the "10 percent myth" is so wrong it is almost laughable, says neurologist Barry Gordon at Johns Hopkins School of Medicine in Baltimore. Although there's no definitive culprit to pin the blame on for starting this legend, the notion has been linked to the American psychologist and author William James, who argued in *The Energies of Men* that "We are making use of only a small part of our possible mental and physical resources." It's also been associated with Albert Einstein, who supposedly used it to explain his cosmic towering intellect.

The myth's durability, Gordon says, stems from people's conceptions about their own brains: they see their own shortcomings as evidence of the existence of untapped gray matter. This is a false assumption. What is correct, however, is that at certain moments in anyone's life, such as when we are simply at rest and thinking, we may be using only 10 percent of our brains.

"It turns out though, that we use virtually every part of the brain, and that [most of] the brain is active almost all the time," Gordon adds. "Let's put it this way: the brain represents three percent of the body's weight and uses 20 percent of the body's energy."

# \* Focusing the Question

## \* Finding Links

- \* Wikipedia & Google provided good beginnings

- \* Myth

- \* Academics Study more granular

- \* Psychology -how we use the brain

- \* Neurology- how biological systems process reactions to the environment

## \* Thesis sentence

- \* As we study the brain, we find that the entire brain is involved in even the most simple task. Lets take a closer look at what we know.

- \* Psychological studies

- \* Key words Psychology study brain usage




[Advanced Search](#)
 Keep search refinements
  New search

**Search Results:** Your search for **psychology study brain usage** returned **19,536** results

### Refine your search

- Items with full text online
- Limit to articles from scholarly publications, including peer-review
- Limit to articles from peer-reviewed publications
- Exclude Newspaper Articles
- Items in the library catalog
- Add results beyond your library's collection

### ▼ Content Type

- Any
- Book / eBook (62,580)
- Journal Article (19,536)
- Dissertation/Thesis (10,375)
- Book Review (560)
- Newspaper Article (387)
- Magazine Article (379)
- [more...](#)

### ▼ Subject Terms

- Any
- neurosciences (4,165)
- usage (3,576)
- article (3,094)
- research (2,969)
- studies (2,309)
- brain (2,275)
- [more...](#)

### ▼ Publication Date

Any



Date(newest) ▾


**Recommendation:** We found one or more specialized collections that might help you.

- [ERIC](#) - Abstracts and indexes journal articles and research reports in education, 1966-present
- [Education Research Complete](#) - K12 to higher ed database indexing over 1500 journals, 700 full text

### Thermal spatio-temporal data for stress recognition


 by Sharma, Nandita; Dhall, Abhinav; Gedeon, Tom; Goecke, Roland  
 EURASIP Journal on Image and Video Processing, EISSN 1687-5281, 12/2014, Volume 2014, Issue 1, pp. 1 - 12

 Stress is a serious concern facing our world today, motivating the development of a better objective understanding through the use of non-intrusive means for... [Engineering](#), [Watching films](#), [Stress classification](#), [Signal](#), [Image and Speech Processing](#), [Support vector machines](#)
 Journal Article: Full Text Online

### Robust, accurate and fast automatic segmentation of the spinal cord


 by De Leener, Benjamin; Kadoury, Samuel; Cohen-Adad, Julien  
 NeuroImage, ISSN 1053-8119, 04/2014

 Journal Article: Full Text Online

### Brain activity and prosocial behavior in a simulated life-threatening situation


 by Zanon, Marco; Novembre, Giovanni; Zangrando, Nicola; Chittaro, Luca; Silani, Giorgia  
 NeuroImage, ISSN 1053-8119, 04/2014

 ... still a puzzle for many social scientists, such a complexity seems to be the driving force that has favored the evolution of a larger and more complex **brain** (Byrne...

 Journal Article: Full Text Online

### Behavioral and emotional dysregulation trajectories marked by prefrontal-



# \*Critical Thinking Components

\*Constructionist  
Process: 6 stages

- \*Task Initiation
- \*Topic Selection
- \*Prefocus Exploration
- \*Focus Formulation
- \*Information Collection
- \*Search Closure

- \*Assignment: Choose a myth from the following list and describe the search process as you identify a facet that academic sources can inform
- \*Starting Points
- \*Linking Idea [key words] to search engine
  - \*Scan source of your idea
  - \*Try searching in multiple databases

# \* Analysis of an Article

## \* Analyzing an article

- \* Who is the author? [Background, vita, where he/she works]
- \* What is the main point of the article? [Hint: check the abstract & conclusion]
- \* How did the author incorporate information into the article
- \* How is the article structured?
- \* Who's work is included in the references?
- \* What other articles did this author publish?



## The origin of symbolic controversies

Jan Michał Burdukiewicz

*Institute of Archaeology, University of Wrocław*

### ARTICLE INFO

Article history  
Available online 11 September 2013

### 1. Introduction

In the research on the human events is the appearance of thinking, the combined effects of as the constitutive features of Mellars (2010, 2011) argued that and they appeared quite late, at "anatomically modern humans (1999). This implies that non-Neanderthals dominated in Europe, (2000; Mellars, 2010, 2011).

### References

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Author

Institution / Background

Main Issue

Abstract

How information is used

Literature Review

Structure of Article

Methodology

Case Study

Evaluation

References

Who

What Journals

How Old



# \*Critical Thinking Components

\*Constructionist  
Process: 6 stages

- \*Task Initiation
- \*Topic Selection
- \*Prefocus Exploration
- \*Focus Formulation
- \*Information Collection
- \*Search Closure

- \*Assignment: Analyze an article, the authority of the author and the credibility of the sources used in the article
- \*Close reading of article
  - \*Biographical information
  - \*Relations between author and sources

# \* Analysis of a Career

## \* Explore Careers

- \* Pay

- \* Outlook

- \* Preparation

- \* Environment

- \* Similar Occupations

## \* Find Current postings for Jobs

- \* Compare with Occupational Outlook Handbook

- \* Print vs Database



Home | Subjects | Data Tools | Publications | Economic Releases | Students | Beta

OOH HOME | OCCUPATION FINDER | OOH FAQ | OOH GLOSSARY | A-Z INDEX | OOH SITE MAP | EN ESPAÑOL

# OCCUPATIONAL OUTLOOK HANDBOOK

Search Handbook Go

Occupational Outlook Handbook >  
**Home**  
 This is a guide to career information about hundreds of occupations!

- OCCUPATION GROUPS**
- Architecture and Engineering
  - Arts and Design
  - Building and Grounds Cleaning
  - Business and Financial
  - Community and Social Service
  - Computer and Information Technology
  - Construction and Extraction
  - Education, Training, and Library
  - Entertainment and Sports
  - Farming, Fishing, and Forestry
  - Food Preparation and Serving
  - Healthcare
  - Installation, Maintenance, and Repair
  - Legal
  - Life, Physical, and Social Science
  - Management
  - Math
  - Media and Communication

**SELECT OCCUPATIONS BY**

2012 Median Pay | Entry-Level Education | On-the-job Training

Number of New Jobs (Projected) | Growth Rate (Projected) | GO

« Back New Search

**FEATURED OCCUPATION**



**eBook Full Text**

Title: Occupational Outlook Handbook 2013-2014  
 Author: United States  
 Date: 2013

**Table of Contents**

Cover

- Table of Contents
- Acknowledgments
- Bonus Chapter 1: Green Occupations
- Bonus Chapter 2: The Personality-Career Quiz: Match Your Personality to OOH Jobs
- Bonus Chapter 3: How Educators, Counselors, Librarians, and Business Professionals Can Best Use the OOH
- Bonus Chapter 4: Best 100 Jobs in the Occupational Outlook Handbook
- Overview of the 2010-2020 Projections
- Sources of Career Information
- Finding and Applying for Jobs and Evaluating Offers
- Occupational Information Included in the OOH
- Architecture and Engineering
- Arts and Design

Download This eBook (Offline)

- A-Z INDEX**
- A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Cover

2013-2014 The most widely used career information book ever published!

# OCCUPATIONAL OUTLOOK HANDBOOK

Exclusive Green Jobs Information

The most accurate and up-to-date facts on all major jobs!

Interesting and thorough descriptions for more than 340 jobs, covering about 90% of all workers.

Information on labor market trends, plus the following details on each job:

- Earnings
- Training and education needed
- Projected growth through 2020
- Skills required
- Advancement opportunities
- Work environment
- Related jobs
- Sources of additional information, including websites

**Exclusive Bonus Content**

- Green Jobs
- Personality-Career Quiz
- Best OOH Jobs List
- How Educators, Counselors, Librarians, and Business Professionals Can Best Use the OOH

Developed by the U.S. Department of Labor

jst Works

« Cover Go »

# OCCUPATIONAL OUTLOOK HANDBOOK

Search Handbook  [Go](#)

Education, Training, and Library >

## Librarians

[EN ESPAÑOL](#) [PRINTER-FRIENDLY](#) 

[Summary](#) | **[What They Do](#)** | [Work Environment](#) | [How to Become One](#) | [Pay](#) | [Job Outlook](#) | [Similar Occupations](#) | [More Info](#)

### What Librarians Do

[About this section](#) 

Librarians help people find information and conduct research for personal and professional use. Their job duties may change based on the type of library they work in, such as public, school, and medical libraries.

#### Duties

Librarians typically do the following:

- Help library patrons conduct research and find the information they need
- Teach classes about information resources and help users evaluate search results and reference materials
- Organize library materials so they are easy to find, and maintain collections
- Plan programs for different audiences, such as storytelling for young children
- Develop and index databases of library materials
- Research new books and materials by reading book reviews, publishers' announcements, and catalogs
- Choose new books, audio books, videos, and other materials for the library
- Research and buy new computers and other equipment as needed for the library
- Train and direct library technicians, assistants, other support staff, and volunteers
- Prepare library budgets

In small libraries, librarians are often responsible for many or all aspects of library operations. They may manage a staff of library assistants and technicians.

In larger libraries, librarians usually focus on one aspect of library work, including user services, technical services, or administrative services.

The following are examples of types of librarians:

**User services librarians** help patrons find the information they need. They listen to what patrons are looking for and help them conduct research using both



Librarians' job duties may change based on the type of library they work in, such as public, school and college libraries.

# \*Critical Thinking Components

\*Constructionist  
Process: 6 stages

- \* Task Initiation
- \* Topic Selection
- \* Prefocus Exploration
- \* Focus Formulation
- \* Information Collection
- \* Search Closure

- \* Assignment: Locate a career listed in OOH & compare job postings with analysis of OOH. [Compare communities of jobs in 2 different cities]
- \* Evaluating information
- \* Searching for jobs
  - \* Communities
  - \* Professional Associations
  - \* Institutions

# \* Mediating Opinions

- \* Locate two opposing viewpoints, identify information used to support each position, identify common ideas, and search for information that brings these two sides together.



# \*Global Warming

- \*What can US do to improve greenhouse gasses

- \*CO2 levels

- \*Rising Temperatures

- \*Ice Melting

- \*Rising Oceans

- \*Sen Barrasso

- \*Wyoming's Solution

- \*Balance environment & economy

- \*Increased regulation won't help

- \*Jobs

- \*Unilateral regulations cannot solve global issues

# \* Reconciliation

- \* Central issues
  - \* Economy & Jobs
- \* Search strategy
  - \* Green Jobs
  - \* Saving

The screenshot shows a library search interface. At the top, the 'CENTRAL SEARCH' logo is on the left, and 'Help | About | Feedback' is on the right. A search bar contains the text 'economic green jobs' with a 'Search' button and a link to 'Advanced Search'. Below the search bar, there are radio buttons for 'Keep search refinements' and 'New search'. The search results section indicates that 81,274 results were found. On the left side, there are three filter sections: 'Refine your search' with various checkboxes, 'Content Type' with a list of document types and counts, and 'Subject Terms' with a list of subjects and counts. At the bottom left, there is a 'Publication Date' section with a bar chart. The main results area displays several items, each with a title, author, publication information, and a 'Full Text Online' link. The items are: 'Recommendation: We found one or more specialized collections that might help you.' with links to 'Education Research Complete' and 'ProQuest Central'; 'Jobs, jobs, and green jobs' by Schnoor, Jerald L. from Environmental science & technology; 'Green jobs' from Paraplegia News; 'Green Jobs, Brown Jobs' by Coral Davenport from National Journal; and 'Greens' by Stefanie Wortman from Southwest Review.

**CENTRAL SEARCH** Help | About | Feedback

economic green jobs  [Advanced Search](#)

Keep search refinements  New search

**Search Results:** Your search for **economic green jobs** returned **81,274** results

**Refine your search**

- Items with full text online
- Limit to articles from scholarly publications, including peer-review
- Limit to articles from peer-reviewed publications
- Exclude Newspaper Articles
- Items in the library catalog
- Add results beyond your library's collection

**Content Type**

- Any
- Newspaper Article (346,048)
- Book / eBook (145,880)
- Journal Article (81,274)
- Magazine Article (46,239)
- Dissertation/Thesis (40,704)
- Trade Publication Article (27,370)
- [more...](#)

**Subject Terms**

- Any
- article (14,178)
- studies (12,808)
- economics (7,023)
- sociology (6,258)
- management (4,915)
- political science (4,288)
- [more...](#)

**Publication Date**

Any

**Recommendation:** We found one or more specialized collections that might help you.

- [Education Research Complete](#) - K12 to higher ed database indexing over 1500 journals, 700 full text
- [ProQuest Central](#)

**Jobs, jobs, and green jobs**

by Schnoor, Jerald L.  
Environmental science & technology, ISSN 0013-936X, 12/2009, Volume 43, Issue 23, p. 8706  
Employment - statistics & numerical data, Energy-Generating Resources - economics, Green Chemistry Technology - economics, Employment - trends  
 Journal Article: Full Text Online

**Green jobs**

Paraplegia News, ISSN 0031-1766, 03/2010, Volume 64, Issue 3, p. 14  
... with disabilities are included in developing and implementing initiatives tied to the emerging "green jobs" economy. The event was jointly sponsored by the Department of Labor... [Green employment, Disabled persons](#)  
 Journal Article: Full Text Online

**Green Jobs, Brown Jobs**

by Coral Davenport  
National Journal, ISSN 0360-4217, 12/2011  
GOP presidential and congressional campaigns are touting an oil-industry-funded study that concludes that doing a lot more oil drilling will create 1.2 million jobs... [United States, Gas industry, Petroleum industry, Presidents, Management](#)  
 Magazine Article: Available Online

**Greens**

by Stefanie Wortman  
Southwest Review, ISSN 0038-4712, 07/2012, Volume 97, Issue 3, p. 400  
.... Wortman shares her desire for **greens** and her experience growing kale in her community garden. [Harvest, Vegetables, Gardens & gardening, Families & family life, Nostalgia](#)  
 Journal Article: Full Text Online

# \*Critical Thinking Components

\*Constructionist  
Process: 6 stages

- \*Task Initiation
- \*Topic Selection
- \*Prefocus Exploration
- \*Focus Formulation
- \*Information Collection
- \*Search Closure

- \*Carefully read two articles
- \*Compare information used to support each position
- \*Find common issues
- \*Use common issues in search for additional information that can be used to bridge the differences

# \*Current Information

- \*Find an incident in the past six months, and locate academic publications that relate to the issues discussed in the newspaper article.



# New York Times

National Edition

Rain through tonight. Snow northwest, 4 to 8 inches. Scattered thunderstorms southeast, some may be severe at night. Windy. Highs in the 30s to 70s. Weather map, Page A16.

Printed in Columbia, Mo.

\$2.50

\* Read an article about building collapse in Bangladesh

\* Key Terms

\* Bangladesh

\* “garment factory”

\* “American companies”

\* Gap | “Children’s Place”

## Some Retailers Rethink Role In Bangladesh

### Deadly Accidents Put Reputations at Risk

By STEVEN GREENHOUSE

Ever since a building with garment factories collapsed in Bangladesh last week, killing more than 400 people, Western apparel companies with ties to the country have scrambled to address public concerns about working conditions there.

Benetton repeatedly revised its accounts of goods produced at one of the factories, while officials at Gap, the Children’s Place and other retailers huddled to figure out how to improve conditions and some debated whether to remain in Bangladesh at all.

At least one big American company with Bangladeshi operations, however, had already decided to leave the country — pushed by the last devastating disaster, a fire just six months ago that killed 112 people.

The Walt Disney Company, considered the world’s largest licensor with sales of nearly \$40 billion, in March ordered an end

## STUDIES AFFIRM CANCERS SHARE GENE PATTERNS

### REDEFINING THE DISEASE

Findings Could Result in a Reduced Focus on Point of Origin

By GINA KOLATA

Scientists have discovered that the most dangerous cancer of the uterine lining closely resembles the worst ovarian and breast cancers, providing the most telling evidence yet that cancer will increasingly be seen as a disease defined primarily by its genetic fingerprint rather than just by the organ where it originated.

The study of endometrial cancer — the cancer of the uterine lining — and another of acute myeloid leukemia, published simultaneously on Wednesday by Nature and The New England Journal of Medicine, are part of a sprawling, ambitious project by the National Institutes of Health to scrutinize DNA aberrations in

MUNIR UZ ZAMAN/AGENCE FRANCE-PRESSE — GETTY IMAGES  
se of a clothing manufacturing center killed more than 400 people.

nneding Boston Bombing Inven

# \*Putting the Pieces Together

Can I Intelligently Talk about my Topic



# \* Structuring my topic

\* IDEA: American companies endanger cheap labor to boost profits

\* Key word

\* Bangladesh

\* “American Companies”

\* Reaction

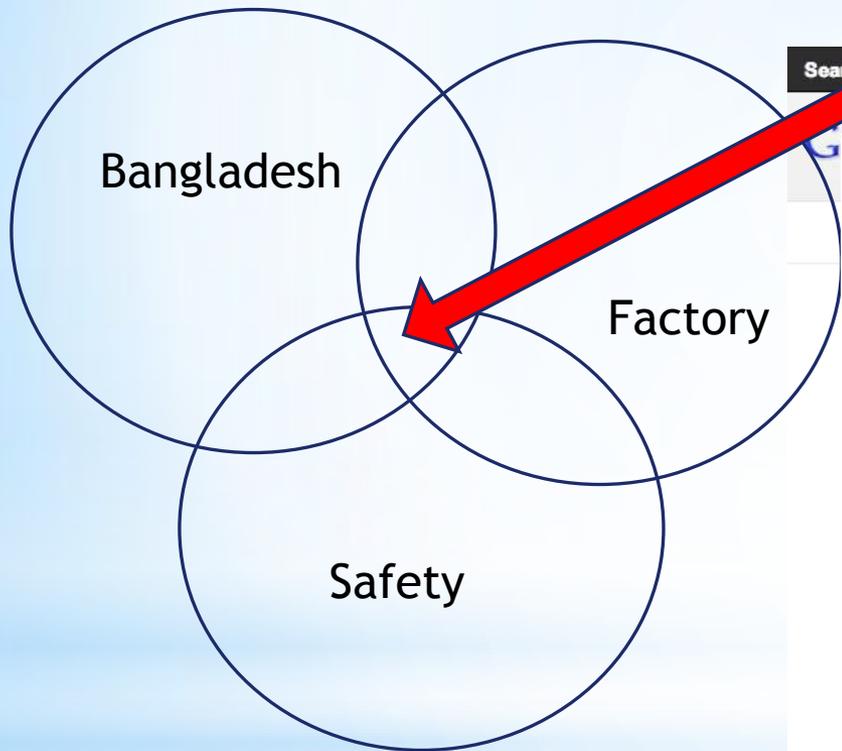
\* Thesis:

\* American companies get away with exploiting offshore labor

**OR**

\* American companies were unaware of poor conditions in offshore factories

# \* Describing your Search- Linking Terms



## Useful Information

The screenshot shows a search engine interface with a search bar containing the text 'bangladesh factory safety'. Below the search bar, the results are displayed. A red oval highlights the text 'Search Results: Your search for bangladesh factory safety returned 3,632 results'. To the left of the search results, there is a 'Refine your search' section with various filters. Below the search results, there are several article snippets with titles like 'Gap Enacts Bangladesh Factory Safety Plan', 'Bangladesh factory safety deal applauded', 'Australian retailers snub Bangladesh factory safety accord', 'Clothing Makers Back Bangladesh Factory-Safety Pact', and 'Big brands reject Bangladesh factory safety plan'.

Search Results: Your search for **bangladesh factory safety** returned **3,632** results

**Refine your search**

- Items with full text online
- Limit to articles from scholarly publications, including peer-review
- Limit to articles from peer-reviewed publications
- Exclude Newspaper Articles
- Items in the library catalog
- Add results beyond your library's collection

**Content Type**

- Any
- Newspaper Article (3,241)
- Journal Article (255)
- Report (95)
- Book / eBook (79)
- Book Review (11)
- Web Resource (8)
- [more...](#)

**Subject Terms**

- Any
- factories (1,058)
- clothing industry (587)
- workers (345)
- clothing (278)
- manufacturing (184)
- fires (183)
- [more...](#)

**Publication Date**

**Gap Enacts Bangladesh Factory Safety Plan**

by Ellis, Kristi  
WWD, ISSN 0149-5380, 10/03/2012, Volume 204, Issue 70, p. 8  
...Byline: KRISTI ELLIS Gap Enacts **Bangladesh Factory Safety** Plan WASHINGTON, D.C. (AP) — Tuesday unveiled a comprehensive initiative aimed at improving building... Safety measures, Foreign operations, Clothing stores  
[Newspaper Article: Full Text Online](#)

**Bangladesh factory safety deal applauded**

Times of Oman, 05/16/2013  
... Dhaka: Labour umbrella groups Industrial Global Union and UNI Global Union praised top retailers for joining their drive to make **Bangladesh's**...  
[Newspaper Article: Full Text Online](#)

**Australian retailers snub Bangladesh factory safety accord**

by Simon Frazer  
The World Today, 05/16/2013  
... enforceable commitments to clean up conditions in **Bangladesh**, to pay for the renovations to **factory** buildings necessary to make those **factories** safe for work...  
[Newspaper Article: Full Text Online](#)

**Clothing Makers Back Bangladesh Factory-Safety Pact**

by Christina Passariello and Syed Zain Al-Mahmood  
Wall Street Journal (Online), 05/13/2013  
... manufacturing at **factories** that fail to meet **safety** standards and commits their necessary repairs and renovations. **Factories, Clothing industry, Agreements, Manufacturing Working conditions**  
[Newspaper Article: Full Text Online](#)

**Big brands reject Bangladesh factory safety plan**

Irish Examiner, 04/27/2013  
What role retailers should play in making working conditions safer at the **factory**...



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# American companies get away with exploiting offshore labor

Keep search refinements  New search

Search Results:

## Refine your search

- Items with full text
- Limit to articles from publications, including review
- Limit to articles from reviewed publications
- Exclude Newspaper
- Items in the library
- Add results beyond library's collection

## Content Type

- Any
- Journal Article (7)
- Book Review (2)
- Newspaper Article
- [more...](#)

## Subject Terms

- Any
- article (28)
- studies (20)
- globalization (19)
- bangladesh (17)
- economics (16)
- working conditions (11)
- [more...](#)

## Publication Date

### Saved Items(2)

Export:

Search Results Format		
APA (American Psychological Assoc.)	1. O'Neill, Rory. "Criminal Neglect; how Dangerous Employers Stay Safe from Prosecution." <i>Working USA</i> 7.2 (2003): 24-42. Print.	<a href="#">Link</a>   <a href="#">x</a>
AMA (American Medical Assoc.)		
MLA (Modern Language Association)	2. "Women Workers in the Garment Industry in Dhaka, Bangladesh." <i>Development in Practice</i> 6.2 (1996): 156-61. Print.	<a href="#">Link</a>   <a href="#">x</a>
Uniform		
Chicago/Turabian: Author-Date		
Harvard		

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## A study of factors influencing urinary arsenic excretion in exposed workers



by Vimercati, Luigi; Assennato, Giorgio; Carrus, Antonio; Sciannamblo, Giuseppe; Caputo, Francesca; Minunni, Viviana ... (more)

International journal of environmental health research, ISSN 0960-3123, 10/2009, Volume 19, Issue 5, pp. 369 - 377

...) in the dismantlement of a **factory** which once produced fertilisers. We measured iAs and its methylated metabolites in 108 urinary samples of workers exposed to iAs in July 2006. A total of



## Search Results:

## Refine your search

- Items with full text
- Limit to articles from publications, including review
- Limit to articles from reviewed publications
- Exclude Newspaper
- Items in the library
- Add results beyond library's collection

## ▼ Content Type

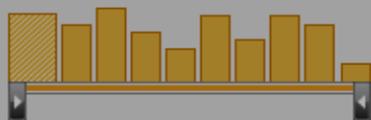
- Any
- Journal Article (7)
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- Newspaper Article
- [more...](#)

## ▼ Subject Terms

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- bangladesh (17)
- economics (16)
- working conditions (11)
- [more...](#)

## ▼ Publication Date

Any



## Saved Items(1)

Export:   
 

## Search Results Format







1. Dollar, David, Mary Hallward-Driemeier, and Taye Mengistae. "Investment Climate and Firm Performance in Developing Economies." *Economic Development and Cultural Change* 54.1 (2005): 1-31. Print.

[Link](#) | 

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International journal of environmental health research, ISSN 0960-3123, 10/2009, Volume 19, Issue 5, pp. 369 - 377

 ... in the dismantlement of a **factory** which once produced fertilisers. We measured iAs and its methylated metabolites in 108 urinary samples of workers exposed to iAs in July 2006. A total of 13.9... [Environmental Monitoring - methods, Occupational Exposure - analysis, Occupational Exposure - prevention & control, Arsenic - urine, Environmental Exposure - analysis](#)


### Investment Climate and Firm Performance in Developing Economies

by Dollar, David; Hallward-Driemeier, Mary; Mengistae, Taye

# \*Critical Thinking Components

\*Constructionist  
Process: 6 stages

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\*Assignment: Find an article in a major newspaper and locate three academic discussions dealing with an aspect of the story.

\*Linking Idea [key words] an academic publication

\*Scan source of your idea

\*Focus a thesis statement to narrow results & assure relevance to your point

# \*Critical Thinking

- \*analyzing, assessing, and reconstructing it.
- \*self-directed, self-disciplined, self-monitored, and self-corrective thinking.
- \*entails effective communication and problem-solving abilities

# \* Library Assignments

- \* Reflect on the process of
  - \* Locating
  - \* Analyzing
  - \* Connecting sources
- \* Link ideas [key words] with discovery tools
- \* Dead ends are part of the process
  - \* No information about an author

# CREDITS



THANKS

- Created by Robert Hallis
- Design & Graphics Robert Hallis
- Screens from each vendor accurate as of 7/2014