



◦ Researching for your writing assignments

CSC300: Computers & Society

Michael deBraga, RGASC

Joanna Szurmak, HMALC

September 21, 2012

What do you have to do?


- Survey Paper
 - 4-5 page survey paper
 - double-spaced and written in 12-pt Times New Roman font
- Oct. 7 - Survey paper
- Final Paper
 - paper, based on the work you did in the survey paper
 - 10-15 page term paper
- Nov. 4 - Draft paper
- Nov. 25 - Final paper

Ethical computing and technology issues

- Issue 1
 - Use of drones and robots specifically in military operations or policing.
- Issue 2
 - The use of electronic stock trading or algorithmic trading.

Essay addresses this question:

- "What responsibility should information technologists and computer scientists take for the impacts, both positive and negative, that result from the development of technology?"

- 
- "What responsibility should information technologists and computer scientists take for the impacts of the technology?"
 - Examine the ethical decisions made by computing professionals.
 - How might their decisions influence other individuals, the computing profession, and society as a whole?
 - Should computer scientists consider local or international laws when making ethical decisions?
 - What is the relationship between computer scientists and ethical decisions regarding information technology?

Next Steps

- “You must think critically.”
- “You will need to do additional research.”
- “Find the key pieces of literature that are relevant to your question and provide a summary of them.”
- “News sources are mostly useful only as background material.”

Thinking critically

- The key to your success is asking the right questions.
- Your argument must present a well balanced point of view.
- Your opinion must be supported.

Additional Research

- Use the library resources to access the most recent literature.
- Avoid the popular press and other opinionated sources.
- You are writing a scholarly review – it must be well informed.

A Template for your essay

- IMRAD:

- Introduction } Contains your THESIS.
Your thesis is a claim that you intend to prove.

- Methods } Demonstrates how you justify your
- Results } thesis

- Discussion } Contains your conclusion which addresses your thesis.

eHow: How to Write an Essay at <http://youtu.be/C9nq886mOjA>

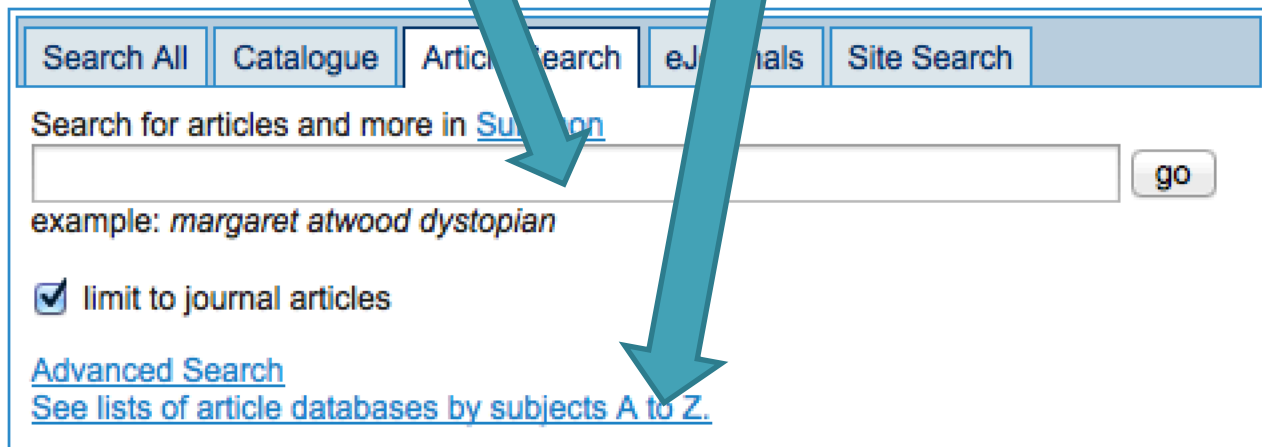
More about Additional Research

Use the library resources to access the most recent literature.

Start at the top of [Library Homepage](#):

- Google-like search engine
- Searches many databases and resources but misses some print and subject-specific resources.

- Access to all databases
- Discipline-specific resources



The screenshot shows a library search interface with the following elements:

- Navigation tabs: Search All, Catalogue, Article Search, eJournals, Site Search
- Search bar: Search for articles and more in [Summon](#)
- Search input field:
- Search button: go
- Example text: example: *margaret atwood dystopian*
- Checkbox: limit to journal articles
- Advanced Search: [Advanced Search](#)
- Link: [See lists of article databases by subjects A to Z.](#)

Two blue arrows point from the text boxes above to the search bar and the 'Advanced Search' link.



Search Articles & More

use of drones in policing and military



Search

new search keep search refinements

[modify your search](#)

You searched for **use of drones in policing and military**.



Results 3,991

1 2 3 4 5 [Next ▶](#)

Page Size 20

Sort By [Relevance](#)

Refine your search

- Scholarly journals
- Full text online
- Exclude newspapers
- Library catalogue

1. [\[fulltext\] ROBOCOP: DRONES AT HOME](#)

by Joseph Nevins

Boston Review, ISSN 0734-2306, 01/2011, Volume 36, Issue 1, p. 32

Journal Article

[Details](#) [Digital rights](#) [Save This Item](#)

2. [\[fulltext\] Brazil's Homemade Drones](#)

by Taylor Barnes

Latin Trade, ISSN 1087-0857, 09/2011, Volume 19, Issue 5, p. 20

It ends up demystifying this equipment, to show that it's not only restricted for military use but also something of daily use," says AGX Tecnologia consultant...

[Commercial markets](#) | [Unmanned aerial vehicles](#) | [Product development](#)

Newspaper Article

[Details](#) [Digital rights](#) [Save This Item](#)

3. [\[fulltext\] Defence groups eye drones for war and policing \[Eire Region\]](#)

by David Robertson

The Times, ISSN 0140-0460, 08/2009, p. 39

UAVs are favoured for such missions because they can stay airborne for long periods -- often more than 24 hours at a time -- and are much quieter than fighter...

[Military aspects](#) | [Guided missiles](#) | [Drone aircraft](#) | [Rockets \(Ordnance\)](#)

Newspaper Article

Format

- Any
- Book / eBook (3595)
- Journal Article (208)
- Newspaper Article (146)
- Report (16)
- Dissertation (8)

[more ...](#)

Subjects

- Any
- history (1238)
- united states (818)
- politics and government (423)

E-content is preferentially featured.

use of drones in policing and military



Search

new search keep search refinements

[modify your search](#)

You searched for **use of drones in policing and military**.

Format Newspaper Article **Format** Journal Article **Scholarly journals only** true **Language** English



Results 125

1 2 3 4 5 [Next](#) ▶

Page Size 20 ▾

Sort By Relevance ▾

Refine your search

- Scholarly journals
- Full text online
- Exclude newspapers
- Library catalogue
- Expand beyond library holdings

Format

- Any
- Journal Article (125)
- Newspaper Article (125)
- Book Review (2)
- Trade Publication Article (2)

Subjects

- Any
- terrorism (21)
- laws, regulations and rules (15)
- war (14)
- politics (13)
- international relations (12)

1. [\[fulltext\] ROBOCOP: DRONES AT HOME](#)

by Joseph Nevins

Boston Review, ISSN 0734-2306, 01/2011, Volume 36, Issue 1, p. 32

Journal Article

[Details](#) [Digital rights](#)  [Save This Item](#)

2. [\[fulltext\] Remarks: the resort to drones under international law](#)

by O'Connell, Mary Ellen

Denver Journal of International Law and Policy, ISSN 0196-20

[Drone aircraft](#) | [War \(International law\)](#) | [Aggression \(Internation](#)

Journal Article

[Details](#) [Digital rights](#)  [Save This Item](#)

3. [\[fulltext\] Surveillance and violence from afar: The politics of drones and liminal security-scapes](#)

by Monahan, Torin and Wall, Tyler

Theoretical Criminology, ISSN 1362-4806, 08/2011, Volume 15, Issue 3, pp. 239 - 254

As surveillance and military devices, drones—or 'unmanned aerial vehicles'—offer a prism for theorizing the technological politics of warfare and governance....

[unmanned aerial vehicles \(UAVs\)](#) | [militarization](#) | [risk management](#) | [Politics](#) | [Imperialism](#) |

[Battlefields](#) | [surveillance](#) | [Boundaries](#) | [Unmanned aerial vehicles](#) | [Nationalism](#) | [Surveillance](#) | [drones](#)

Journal Article

Click on the Folder icon to save the best articles in a temporary folder



Subjects

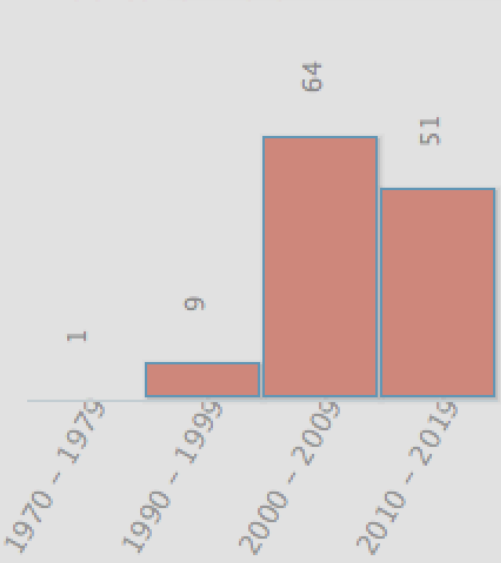
- Any
- terrorism (21)
- laws, regulations and rules (15)
- war (14)
- politics (13)
- international relations (12)

more ...

Language

- Any
- English

Publication Date



Do a subject search to determine whether your results contain any articles on ethical aspects of technology

Subjects

Include	Exclude	Sort by: # (A-Z)
<input type="checkbox"/>	<input type="checkbox"/>	SubjectTerms
<input type="checkbox"/>	<input type="checkbox"/>	terrorism (21)
<input type="checkbox"/>	<input type="checkbox"/>	laws, regulations and rules (15)
<input type="checkbox"/>	<input type="checkbox"/>	war (14)
<input type="checkbox"/>	<input type="checkbox"/>	politics (13)
<input type="checkbox"/>	<input type="checkbox"/>	international relations (12)
<input type="checkbox"/>	<input type="checkbox"/>	history (10)
<input type="checkbox"/>	<input type="checkbox"/>	sociology (10)
<input type="checkbox"/>	<input type="checkbox"/>	national security (9)
<input type="checkbox"/>	<input type="checkbox"/>	violence (9)

Continue

Cancel

Subjects

Include	Exclude	Sort by: # (A-Z)
<input type="checkbox"/>	<input type="checkbox"/>	SubjectTerms
<input type="checkbox"/>	<input type="checkbox"/>	engineering, multidisciplinary (2)
<input type="checkbox"/>	<input type="checkbox"/>	ethics (6)
<input type="checkbox"/>	<input type="checkbox"/>	evaluation (3)
<input type="checkbox"/>	<input type="checkbox"/>	experiment/theoretical treatment (3)
<input type="checkbox"/>	<input type="checkbox"/>	film (3)
<input type="checkbox"/>	<input type="checkbox"/>	foreign policy (5)
<input type="checkbox"/>	<input type="checkbox"/>	geneva conventions (3)
<input type="checkbox"/>	<input type="checkbox"/>	geography (4)
<input type="checkbox"/>	<input type="checkbox"/>	geopolitics (3)

Sort topics alphabetically; look for ethics, legal implications, ethical and moral issues, then **INCLUDE** the subjects you want

Continue

Cancel

Portal Library link: database research



Home

Portal

ROSI

Catalogue

anywhere



[Advanced search](#)



[Old catalogue interface](#)

Course Reserves



[Old exams for CSC300H](#)

A Find articles

 [Web of Science](#) 
Authoritative general science database with coverage to the 1980s. ... [\[read more\]](#)

 [Scopus](#) 
WoS complementary general science database, coverage to mid 1990s.

 [International Bibliography of the Social Sciences \(IBSS\)](#) 
A comprehensive social science database - a gateway to Scholars ... [\[read more\]](#)

 [CSA FRANCIS \(Humanities & Social Sciences\)](#) 
A social science database and gateway to Scholars Portal.

A Writing

[Advice on Academic Writing](#)
University of Toronto writing site.

[Researching](#)
Advice on research and writing from Purdue's OWL.

[APA Style 6th ed. \(APA\)](#)
Help with citing using APA style, including an overview tutorial. Prepared by the American Psychological Association.

[APA Style 6th ed. \(Purdue OWL\)](#)
A guide to the APA citation style from the renowned Purdue Online Writing Lab. The guide is modular and full of examples.

[CSE Style \(Hacker & Fictor\)](#)

A Find articles

Find articles and more

limit to journal articles

What am I searching?

[Advanced search](#)

 [Web of Science](#) 

Authoritative general science database with coverage to the 1980s. ... [\[read more\]](#)

 [Scopus](#) 

Wos complementary general science database, coverage to mid 1990s.

 [International Bibliography of the Social Sciences \(IBSS\)](#) 

A comprehensive social science database - a gateway to Scholars ... [\[read more\]](#)

 [FRANCIS \(Humanities & Social Sciences\)](#) 

A social science database and gateway to Scholars Portal

 [History of Science, Technology, and Medicine](#) 

A good place to search for articles on ethics and evolving ... [\[read more\]](#)


Overview of Databases

Two comprehensive scholarly science databases with citation linking

Two comprehensive scholarly social science databases. Use for ethics, philosophy, human issues.


A history of science and technology database

Overview of Databases

 JSTOR
A deep archive of multidisciplinary journal articles.




An archive featuring social sciences, ethics, political science, some business.

 ACM Digital Library Search
One of the key computer science research databases.



Scholarly CS and engineering databases


 IEEE Xplore
A top engineering and technology research database.



 NASA Technical Reports Server (NTRS)



US government report servers, useful with military technology topics

 NTIS: National Technical Information Service



 Harvard business review 1922 -



Business literature supporting the trading topic

 Business Source Premier



Comprehensive scholarly legal literature database

 LegalTrac



Citations

- No specific format is required.
- This does not mean that you can arbitrarily present your reference list using a disjointed and ambiguous approach.
- Your best approach is to follow an established method such as: APA, CSE, etc.

While you are writing...

- Contact either Joanna or Michael for assistance with finding sources or the essay structure and critical thinking.
- michael.debraga@utoronto.ca
- joanna.szurmak@utoronto.ca
- Don't procrastinate.