

# *Intermediate Lab*

PHYS 3870

## CONVEYING INFORMATION

### Gathering Information

References:

PHYS 3870 [Web Site](#)

USU [Library Class Web Site](#)

ENDNOTE™ basic

# Introduction to EndNote and EndNote Basic

**EndNote Desktop** is a software program that stores and organizes citations, and enables you to import citations directly into a *Word* document. This extended version is expensive and not necessary.

The logo for EndNote, featuring the word "ENDNOTE" in a bold, orange, sans-serif font with a trademark symbol (TM) to the upper right, set against a dark grey rectangular background.

**Endnote Basic** is a **free** version of this software accessible to USU students, with almost all of the functionality of the main program.

The logo for EndNote Basic, featuring the word "ENDNOTE" in a bold, orange, sans-serif font with a trademark symbol (TM) to the upper right, followed by the word "basic" in a smaller, white, lowercase sans-serif font, all set against a dark grey rectangular background.

- Create a Citation Library
- Stores and organizes figures and equations
- Can link papers to citations
- Can search bibliographic databases

## Log On

<https://www.myendnoteweb.com/EndNoteWeb.html>

## Tutorials

<http://libguides.usu.edu/EndNoteBasic>

<http://www.endnote.com/training/>

# Comparing *EndNote Desktop* and *EndNote Basic*

<http://endnote.com/product-details/basic>

DISCOVER THOMSON REUTERS + LOGIN CONTACT

THOMSON REUTERS  
**ENDNOTE**

Free EndNote Trial Site Search

Product Details Downloads Training Support Blog Buy

Home > Product Details > Basic

## EndNote basic

Our free, limited online version of EndNote is perfect when you're new to research and writing.

### From research to publication

EndNote basic gives you the tools for learning how to do research, cite sources, write term papers, and even match your manuscript to a scientific journal.

- Create an online account to search, save and use your research sources
- Use built-in connections to search the 5 most popular databases
- Save and organize the references you find (up to 50,000)
- Integrate with Microsoft® Word to properly cite and format your paper
- Choose from the 7 most popular bibliography formats, including MLA and APA style
- Use manuscript matcher to identify the best journal for your research to be published

[Create a free account >](#)

## Compare features and capacity

	EndNote basic	EndNote X7
How to get it	<a href="#">Free account &gt;</a>	<a href="#">Free trial &gt;</a>
Where it lives	Online	Desktop & online
Platforms	Web browser	Macintosh® Windows® Web browser iPad® app
Reference storage	50,000	Unlimited
Attachment storage	2 GB	Unlimited
Library sharing		✓
Reference sharing	✓	✓
Manuscript matching	✓	✓
Automatic reference updating		✓
Advanced reference organization		✓
Online database searching	5	6000+
Send references directly from online databases	9	500+
Create a list of favorite styles	✓	✓
Create custom groups of references	✓	✓
Create smart groups of references for instant sorting		✓
One click to find full text		✓
Annotate and highlight PDFs		✓
Search PDF text and annotations		✓
PDF auto-import folder		✓
Smart reference creation		✓
Integrated with Microsoft Word	✓	✓
Predefined bibliographic formatting styles	21	6000+
Create your own formatting styles		✓
Multiple bibliographies in a single document		✓
Subheading and category bibliographies		✓
Composite references		✓
Field substitutions		✓
Journal abbreviation recognition & standardization		✓
Custom options to add more database providers		✓
Max number of fields	53	56
Max number of reference types	48	48
Unicode compliant	✓	✓
How to get it	<a href="#">Free account &gt;</a>	<a href="#">Free trial &gt;</a>

# Access the USU Library Home Web Page

USU Library / LibGuides / PHYS 2500 and 3870/3880 / Information Resources In Physics

## PHYS 2500 and 3870/3880: Information Resources In Physics

Information Resources for Physics 2500 [PHYS]2500/3870/3880]

This page provides an up to date link to the USU library resources tailored to these classes!  
<http://libguides.usu.edu/content.php?pid=246165>

Information Resources In Physics

Journals

Databases

Citing Your Sources

Finding the Information

### The Basics

Part of your work in this class will require you to search the physics literature to identify journal articles that support work you are doing in your labs or other assignments. The "Databases" tab lists good sites for you to use to find journal articles. The "Journals" tab lists information about journals in the Merrill-Cazier Library.

You will be expected to read and cite peer reviewed articles. The authors of these articles submitted their work to be read and critiqued by other experts in the field prior to being accepted for publication in a journal. This is done to insure the published work is reliable and sound.

Sometimes it is not easy to tell if a journal publishes peer-reviewed articles. You can use the table below to help determine if the article is from a peer-reviewed journal. Alternatively, you can always contact your friendly librarian (email the article or citation to the address in this guide) and they can usually tell you very quickly if it is a peer review journal.

One common measure of the reputation and utility of various peer reviewed journals is the impact factor. This is based on the average number of times articles from a given journal are cited by other authors.

### Scholarly vs. Popular

	Scholarly	Popular
Bibliography	yes	usually none present
Author	noted expert or professional and credentials are provided	journalist, student, or no name provided
Reading Level	advanced, often with specialized vocabulary or jargon	easy to read
Purpose	to provide information in a specific field and/or report research findings	provides an overview, opinions, or general information
Article submission	articles are reviewed by professional peers; editor and editorial staff are experts in the field and may work at a variety of institutions	articles are written by staff of the magazine or newspaper; editor and editorial staff work for the magazine/newspaper
Article format	structured with sections such as abstract, introduction, methods, results, and discussion	articles do not necessarily follow a set structure or format

### Subject Guide



Betty Rozum

[Email Me](#)

Subjects:  
Physics

Last Updated: Jul 13, 2015 6:04 PM | URL: <http://libguides.usu.edu/physics2500> | [Print Page](#)

[Login to LibApps](#)

# Using *EndNote Basic* at USU

This page provides an up to date link to the USU library resources for using *EndNote Basic*

<http://libguides.usu.edu/EndNoteBasic>

USU Library / LibGuides / Citations: EndNote Basic Home

## Citations: EndNote Basic: Home

Home

Citation Library

Using  
Citation Records

Create a Bibliography

Cite While You Write

Frequently  
Asked Questions

### What can this libguide do for me?

EndNote Basic is a free, web-based program that stores and organizes citations, and enables you to import citations directly into a Word document. It can be used on its own, or with EndNote Desktop, a more expansive application available for purchase.

See the differences between **EndNote** and **EndNote Basic** [here](#).

**Citation Library:** Learn how to build, organize and quickly find citations for your research

**Using Citation Records:** See how to easily view, search and share your citations with fellow researchers

**Create a Bibliography:** Explore how you can build a bibliography and easily change the citation style in seconds.

**Cite While You Write:** Insert references, and format citations and bibliographies automatically while you write papers in Word

**Frequently Asked Questions:** Still having trouble? Check out this tab to find some quick answers

### Create An Account

[Sign Up For an Account](#)

1. Log in to EndNote Basic at <https://www.myendnoteweb.com>
2. Click 'Create An Account'
3. Enter the required information and select "I Agree"

Last Updated: Jul 13, 2015 6:04 PM | URL: <http://libguides.usu.edu/EndNoteBasic> | [Print Page](#)

[Login to LibApps](#)

Subjects: [Research Tips](#)

# Creating an Account for EndNote Basic

ENDNOTE™ basic

(1) Begin on the USU *EndNote Basic* home page

<http://libguides.usu.edu/EndNoteBasic>

USU Library / LibGuides / Citations: EndNote Basic Home

## Citations: EndNote Basic: Home

Home	Citation Library	Using Citation Records
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What can this libguide do for me?

EndNote Basic is a free, web-based program that stores and org a more expansive application available for purchase.

See the differences between **EndNote** and **EndNote Basic** [here](#)

**Citation Library:** Learn how to build, organize and quickly find citatio

**Using Citation Records:** See how to easily view, search and share y

**Create a Bibliography:** Explore how you can build a bibliography an

**Cite While You Write:** Insert references, and format citations and bibl

**Frequently Asked Questions:** Still having trouble? Check out this ta

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### Create An Account

[Sign Up For an Account](#)

1. Log in to EndNote Basic at <https://www.myendnoteweb.com>
2. Click 'Create An Account'
3. Enter the required information and select "I Agree"

Last Updated: Jul 15, 2015 6:04 PM | URL: <http://libguides.usu.edu/EndN>

Subjects: [Research Tips](#)

(2) Create an *EndNote* account

- Select "create and account".
- Enter your preferred email and a new password specifically for your *EndNote Basic* account.

<https://www.myendnoteweb.com/EndNoteWeb.html>

ENDNOTE™

### Sign In or create an account

E-mail:

Password:

Keep me signed in

[Forgot Your Password?](#)

**Institutional/Shibboleth:** Sign in via your institutional login

# Setting Google Scholar to Work with EndNote Basic

## (3) Set up Goggle Scholar to work with EndNote Basic.

### PHYS 2500 and 3870/3880: Citing Your Sources

Information Resources for Physics 2500 [PHYS]2500/3870/3880]

Information Resources In Physics

Journals

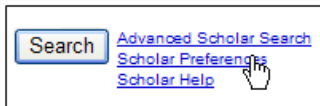
Databases

Citing Your

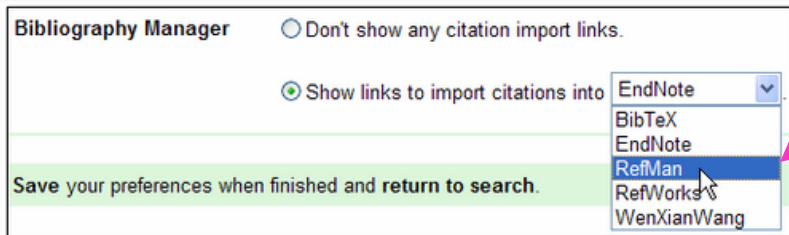
#### Importing Citations from Google Scholar to EndNote Web

##### Import References from Google Scholar:

1. Open the Google Scholar website: <http://scholar.google.com>
2. Click Scholar Preferences.



3. Scroll to the bottom of the page. In the Bibliography Manager section, choose the **Show link to import** radio button and choose **RefMan** from the drop-down box.



4. Click **Save Preferences**.

Import to RefMan  
or EndNote

Video tutorial

<https://www.youtube.com/watch?v=35t9RB8G558>

# Importing Articles from Google Scholar into EndNote Basic

Google scholar

author:"G Wilson" author:"JR Dennison"

About 34 results (0.03 sec)

My Citations 22

Articles

Case law

My library

Any time

Since 2015

Since 2014

Since 2011

Custom range...

2012 —

Search

Sort by relevance

Sort by date

include patents

include citations

Ultrahigh Vacuum Cryostat System for Extended Low-Temperature Space Environment Testing [PDF] from usu.edu

... G Wilson, A Evans, JR Dennison - Plasma Science, ..., 2014 - ieexplore.ieee.org

Abstract—The range of temperature measurements have been significantly extended for an existing space environment simulation test chamber used in the study of electron emission, sample charging and discharge, electrostatic discharge and arcing, electron transport, ...

Cited by 15 Related articles All 6 versions Import into RefMan Save More

Electron beam induced luminescence of SiO<sub>2</sub> optical coatings [PDF] from usu.edu

JR Dennison, A Evans, G Wilson... - ... 2012 Annual Report ..., 2012 - ieexplore.ieee.org

Abstract—Optical coatings of disordered thin film SiO<sub>2</sub>/SiO<sub>x</sub> dielectric samples on reflective metal substrates exhibited cathodoluminescence under electron beam irradiation. Measurements of the absolute radiance and emission spectra as functions of incident ...

Cited by 9 Related articles All 6 versions Import into RefMan Save More

Approximation of range in materials as a function of incident electron energy [PDF] from usu.edu

G Wilson, JR Dennison - Plasma Science, IEEE Transactions ..., 2012 - ieexplore.ieee.org

Abstract—A simple composite analytic expression has been developed to approximate the electron range in materials. The expression is applicable over more than six orders of magnitude in energy (< 10 eV to > 10 MeV) and range (10<sup>-9</sup>–10<sup>-2</sup> m), with an ...

Cited by 18 Related articles All 10 versions Web of Science: 4 Import into RefMan Save More

In situ surface voltage measurements of dielectrics under electron beam irradiation [PDF] from usu.edu

..., JR Dennison, J Dekany, G Wilson... - Plasma Science, ..., 2014 - ieexplore.ieee.org

Abstract—New instrumentation has been developed for non-contact, in vacuo measurements of the electron beam-induced surface voltage as a function of time and position for nonconductive spacecraft materials in a simulated space environment. The ...

Name

scholar (1).enw

scholar (2).enw

scholar (4).enw

scholar (5).enw

scholar (6).enw

scholar.enw

scholar (3).RIS

scholar (4).RIS

scholar (5).RIS

scholar.RIS

#### (4) Collect reference files for import into EndNote Basic

- After performing a search on Google Scholar click on the "Import into RefMan" or "Import to EndNote" link to import the reference you want.
- This will download a RefMan file (file type .RIS) or EndNote file (file type .ENW). Collect these files in a temporary directory to upload into EndNote Basic.
- Alternately, when you are presented with a window asking if you want to "Open" or "Save" the file, choose to Save the file.

Import to RefMan  
or EndNote

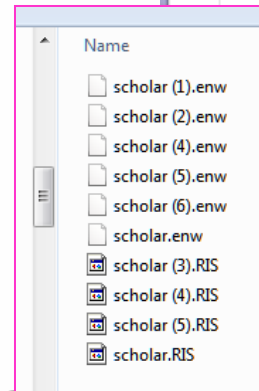
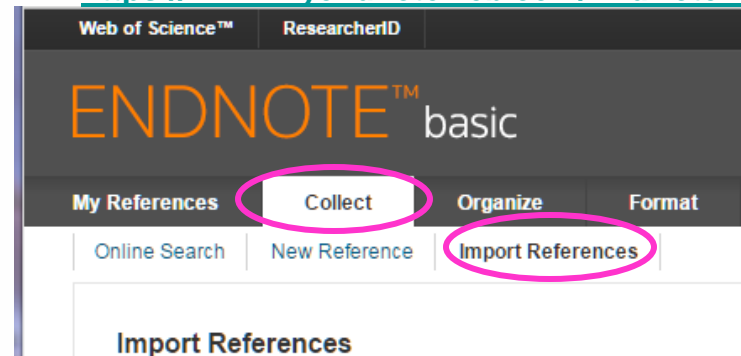


# Importing Search Results from Google Scholar into EndNote Basic

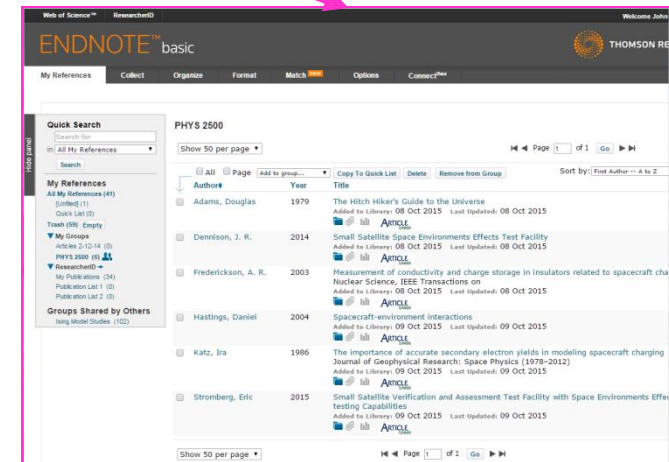
<https://www.myendnoteweb.com/EndNoteWeb.html>

(5) Follow these steps to import search results into *EndNote Basic*:

- Log into your *EndNote Basic* account
- In *EndNote Basic*, click on *Collect/Import Reference* in the *Import* window
- Select the .RIS or .ENW file you downloaded from your temporary by clicking on the *Choose File* button.
- In the dropdown for *Import Option*, choose "RefMan (RIS)" or "EndNote Import".
- Select the *EndNote Basic* reference folder to import *To*
- Click the *Import* button and your references will be imported into the specified *EndNote Basic* folder.
- Repeat this process for each new file.
- **Aside:** You may have to add "EndNote Import" as an option using the *Select Favorites* button.



Import from RefMan  
or EndNote files



# Importing Search Results into *EndNote Basic*

(5) Steps to import search results from alternate sources into *EndNote Basic*:

<http://libguides.usu.edu/c.php?g=52841&p=339445>

<https://www.myendnoteweb.com/EndNoteWeb.html>

USU Library / LibGuides / Citations: EndNote Basic Citation Library

Citations: EndNote Basic:  
Citation Library

The screenshot shows the 'Citation Library' page with a navigation menu. The 'Citation Library' link is circled in pink. Below the menu is a section titled 'Import Citation into your Library' with a table of import options. The 'Google Scholar' option is circled in pink. Below the table is an example of a Web of Science search result with a red arrow pointing to the 'Save to EndNote online' button.

From...	... Into EndNote Basic
Web of Science	1. Select Record 2. Click Send to: my.endnote.com <a href="#">Importing reference to EndNote Basic (FAQS: EndNote Basic)</a>
Google Scholar	<a href="#">Importing references from Google Scholar</a>
Pub Med	<a href="#">Importing reference from PubMed</a>
Other Article Databases	<a href="#">Importing from other databases</a>

Example of import options from Web of Science:

The screenshot shows a Web of Science search result page. The 'Save to EndNote online' button is highlighted with a red arrow.

# Managing Your Citations within Your EndNote Basic Library

(6) The downloaded references are now available in the *EndNote Basic* library:

- Log into your *EndNote Basic* account
- Select My References and the subgroup from My Groups to view the references

<https://www.myendnoteweb.com/EndNoteWeb.html>

The screenshot displays the EndNote Basic web interface. At the top, there is a navigation bar with 'Web of Science™', 'ResearcherID', and 'Welcome John'. The main header features the 'ENDNOTE™ basic' logo and the Thomson Reuters logo. Below the header is a menu bar with options: 'My References' (circled in pink), 'Collect', 'Organize', 'Format', 'Match NEW', 'Options', and 'Connect™'. On the left side, there is a 'Quick Search' box and a 'My References' sidebar (circled in pink) showing a tree view of groups: 'All My References (41)', 'Trash (0)', 'My Groups' (circled in pink), and 'Groups Shared by Others'. Under 'My Groups', 'PHYS 2500 (6)' is selected and circled in pink. The main content area shows a list of references for the 'PHYS 2500' group. The list includes columns for 'Author', 'Year', and 'Title'. The references listed are:

Author	Year	Title
Adams, Douglas	1979	The Hitch Hiker's Guide to the Universe
Dennison, J. R.	2014	Small Satellite Space Environments Effects Test Facility
Frederickson, A. R.	2003	Measurement of conductivity and charge storage in insulators related to spacecraft cha
Hastings, Daniel	2004	Spacecraft-environment interactions
Katz, Ira	1986	The importance of accurate secondary electron yields in modeling spacecraft charging
Stromberg, Eric	2015	Small Satellite Verification and Assessment Test Facility with Space Environments Effe

# Managing Your Citations within Your *EndNote Basic* Library

USU Library / LibGuides / Citations: EndNote Basic Citation Library

## Citations: EndNote Basic: Citation Library

Home **Citation Library** Using Citation Records Create a Bibliography

Organize Citations within your Library

Create "groups" - which work similarly to folders - to keep citations from different research projects separate, and then add references to those groups to stay organized:

Creating groups in EndNote Basic:

1. Click the yellow **Organize** tab
2. Click **New Group** under **Manage My Groups**
3. Name your group and click **OK**

Putting references in groups:

When citation records are imported in EndNote Basic they are automatically placed in the Unfiled group

1. Click the box to the left of the desired records OR click **All** or **Page**
2. Select the **Add to Group** drop-down menu near the top of the page. Select the desired group. All selected citation records will be moved to that group.

<http://libguides.usu.edu/c.php?g=52841&p=339445>

(6) The downloaded references are now available in the *EndNote Basic* library:

- Detailed instructions for organizing and managing your references are shown at right
- The *EndNote Basic* Organize tab is shown below.

ENDNOTE™ basic

My References Collect **Organize** Format Match **NEW** Options C

### Manage My Groups

My Groups	Number of References	Share		
Articles 2-12-14	0	<input type="checkbox"/>	Manage Sharing	Rename Delete
PHYS 2500	5	<input checked="" type="checkbox"/>	Manage Sharing	Rename Delete
<b>My ResearcherID Groups</b>				
My Publications	34	<input type="checkbox"/>	Manage Sharing	
Publication List 1	0	<input type="checkbox"/>	Manage Sharing	Rename Delete
Publication List 2	0	<input type="checkbox"/>	Manage Sharing	Rename Delete
<b>New group</b>				

<https://www.myendnoteweb.com/EndNoteWeb.html>

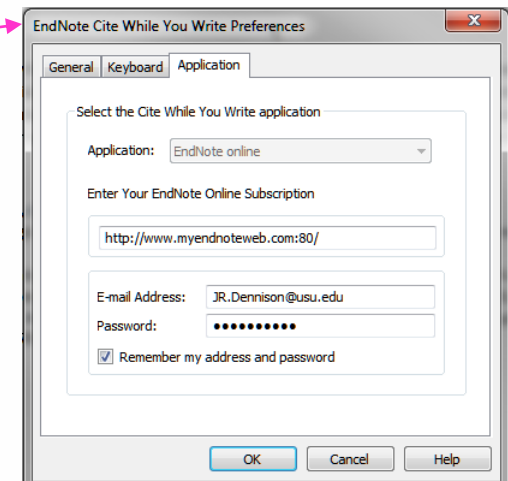
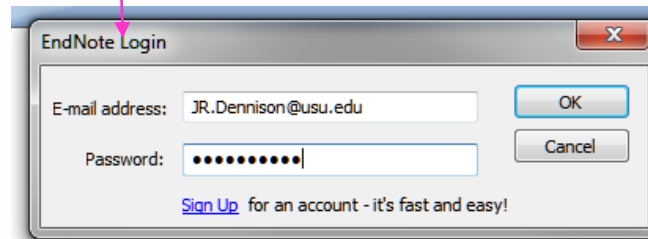
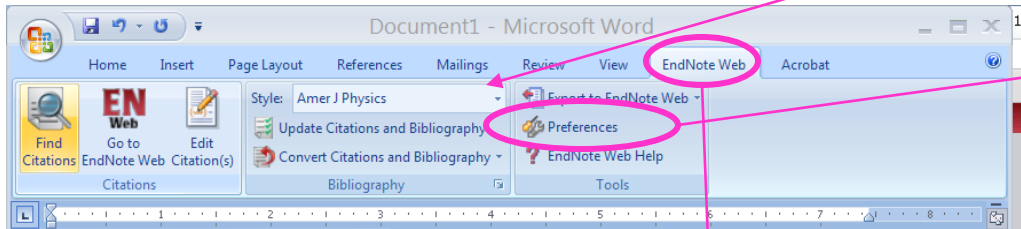
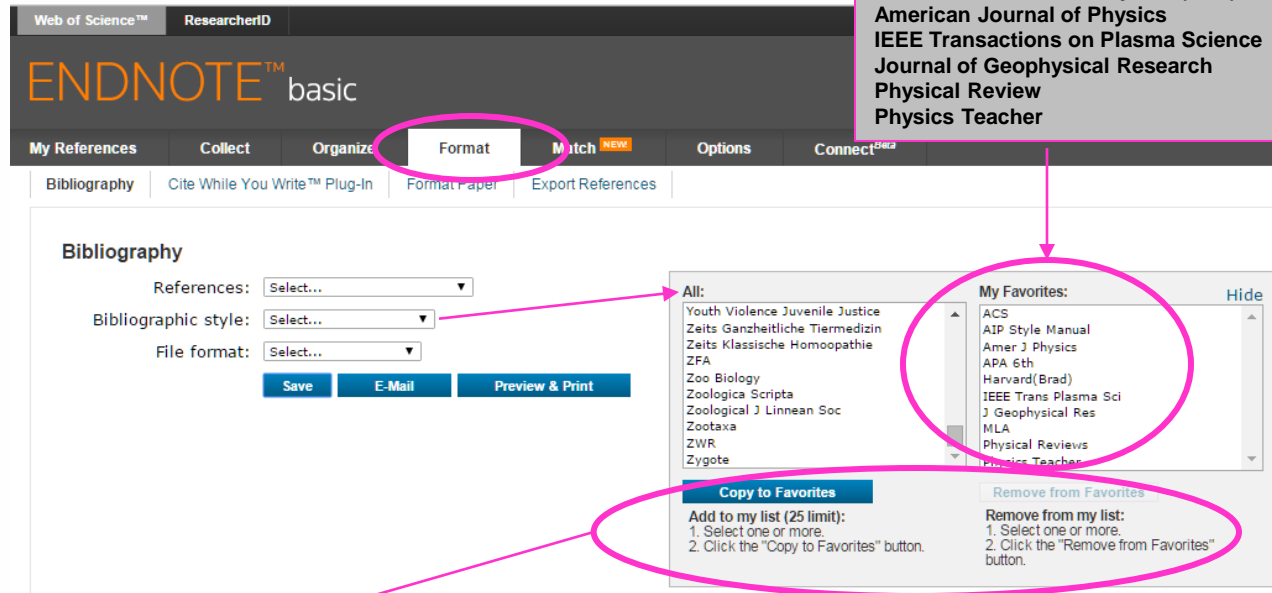
# Setting Up Cite While You Write

## (8) To use *EndNote Basic in Word*:

• Select your choices on the *EndNote Basic* web site for *Bibliographic Styles*

- Click on "Select Favorites" next to *Bibliographic Styles*
- Highlight your choices and click *Copy to Favorites*
- These choices will show up in *Word* in the *Style* pulldown list in the *EndNote* tab.
- When you first open the *EndNote* tab in *Word* you will be prompted to enter the email address and password you associated with *EndNote*. You can save this in *Word* using the *Preferences* selection

Aside: The bibliographic styles selected here include:  
American Chemical Society  
American Institute of Physics (APS)  
American Journal of Physics  
IEEE Transactions on Plasma Science  
Journal of Geophysical Research  
Physical Review  
Physics Teacher



# Cite While You Write Plug In for Word

## (7) To use *EndNote Basic* in Word:

- Download the appropriate plug in using the links in the *Format* tab
- See the *Installation Instructions* for different operating systems below
- Select your choices for *Bibliographic Styles* (see next slide)

Web of Science™ ResearcherID

# ENDNOTE™ basic

My References Collect Organize **Format** Ma

## Cite While You Write™ Plug-In

Use the EndNote plug-in to insert references, and format citations and bibliographies automatically while you write your papers in Word. This plug-in also allows you to save online references to your library in Internet Explorer for Windows.

**U.S. Patent 8,082,241**

See **Installation Instructions** and System Requirements.

- Download Windows with Internet Explorer plug-in
- Download Macintosh

<http://libguides.usu.edu/c.php?g=52841&p=339445>

<https://www.myendnoteweb.com/EndNoteWeb.html>

### EndNote® Online

[Contents](#) | [Index](#) | [Glossary](#) | [Search Help](#) | [Search Technical Support](#) | [Quick Reference Card](#)

#### Cite While You Write for Microsoft® Word

Use the Cite While You Write Plug-in to insert references, and format citations and bibliographies automatically while you write your papers in Word. The Windows plug-in also allows you to save online references to your library in Internet Explorer.

- [Windows installation instructions](#) (Includes the Internet Explorer Toolbar)
- [Macintosh installation instructions](#)
- [Plug-in Installation Options for Administrators](#)

#### Do I have to use Internet Explorer (Windows)?

The Cite While You Write plug-in for Word is required to use Cite While You Write. The toolbar for Internet Explorer is installed by default, but its use is optional.

See [System Requirements](#) for more information.

# Cite While You Write in Word

(8) Use the *EndNote Basic Cite While You Write* plug-in to insert references, and format citations and bibliographies automatically while you write papers in *Word*.

## Inserting cited references in your Word document

1. With your *Word* document open, place the cursor in the location where you would like the citation to appear
2. Select **EndNote Web** at the top of the screen (some *Word* processors will place it under the **Tools** menu)
3. Click **Find Citations** (this tool searches your entire *EndNote Basic* library)
4. Enter a search term in the **Find Citations** box to find the citation record to insert.
5. Click *Search* or *Find*
6. Select the desired reference. More than one record can be selected at any given time - simply hold the Ctrl key while clicking each reference.
7. Click *Insert*

The screenshot shows the Microsoft Word interface with the EndNote Web ribbon. The 'Find Citations' button is highlighted. The 'EndNote Web Find & Insert My References' dialog box is open, showing a search for 'Swain' and a list of search results. The 'Insert' button in the dialog is also highlighted.

Author	Year	Title
Swain	2010	A ground-based near-infrared emission spectrum of the exoplanet HD 189733b
Swain	2010	A ground-based near-infrared emission spectrum of the exoplanet HD 189733b
Swain	2010	A ground-based near-infrared emission spectrum of the exoplanet HD[thinsp]189733b
Swain	2010	Exoplanet Spectroscopy: a bright present, a brilliant future

Reference Type: Journal Article  
Author: Swain, M. R.  
Deroo, P.  
Griffith, C. A.  
Tinetti, G.  
Thatte, A.  
Vasisht, G.  
Chen, P.  
Bouwman, J.  
Crossfield, I. J.  
Angerhausen, D.  
Year: 2010



# Cite While You Write

## Citations: EndNote Basic: Cite While You Write

<http://libguides.usu.edu/c.php?q=52841&p=339449>



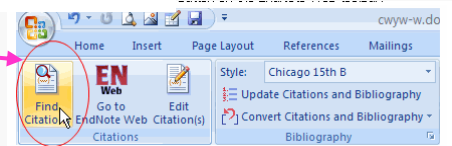
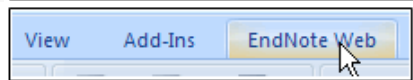
### Cite While You Write (CWYW)

Use the EndNote Basic Cite While You Write plug-in to insert references, and format citations and bibliographies automatically while you write papers in Word. To download this plug-in, log into the EndNote Basic site in a web browser (preferably Firefox), and click Download Installers link at the bottom of any page.

#### Inserting cited references in your Word document

1. With your Word document open, place the cursor in the location where you would like the citation to appear
2. Select **EndNote Web** at the top of the screen (some Word processors will place it under the **Tools** menu)
3. Click **Find Citations** (this tool searches your entire EndNote Basic library)
4. Enter a search term in the **Find Citations** box to find the citation record to insert.
5. Click **Search**
6. Select the desired reference. More than one record can be selected at any given time - simply hold the Ctrl key while clicking each reference.
7. Click **Insert**

Skiing is a fabulous sport, especially when one lives in Utah |



The citation appears at the location of the cursor, formatted according to the bibliographic style specified. The reference information is also automatically added to the bibliography at the end of your manuscript. Need more assistance? See the EndNote tutorial video [here](#)

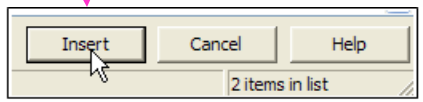
Last Updated: Jul 13, 2015 6:04 PM | URL: <http://libguides.usu.edu/EndNoteBasic> | Print Page  
Subjects: [Research Tips](#)

[Login to LibApps](#)

Find: powder [v] Search

Example: Enter **Biloski dinosaur extinction** to search for these terms in all fields

Author	Year	Title
Aschwanden		2007 Nordic Gear Guide
Fox	2006	Powder Trip



Skiing is a fabulous sport, especially (Fox, 2006) when one lives in Utah  
Fox, P., 2006, Powder Trip, New York Times.



# Formating the Bibliography with *EndNote Basic*

(9) Use the *EndNote Basic Cite While You Write* plug-in to format citations and bibliographies in *Word*.

## Inserting cited references in your Word document

1. Select **EndNote** at the top of the screen (some *Word* processors will place it under the **Tools** menu)
2. Select the style for citations and the bibliography from the pull down menu.
3. Click on *Update Citations and Bibliography*.

[http://www.endnote.com/training/tutorials/enweb2/English/EndNote\\_Web-English/EndNote\\_Web.asp](http://www.endnote.com/training/tutorials/enweb2/English/EndNote_Web-English/EndNote_Web.asp)

The screenshot shows the Microsoft Word interface with the EndNote Web ribbon active. The ribbon includes options for 'Style: Amer J Physics', 'Update Citations and Bibliography', and 'Convert Citations and Bibliography'. A dialog box titled 'Update Citations and Bibliography' is open, explaining the process: 'Format (or reformat) your document according to the rules of the selected Bibliographic Output style. The EndNote Web formatting process replaces the temporary citations in your paper with formatted citations, and builds a bibliography at the end of the document.' Below the dialog box, the 'EndNote Cite While You Write' button is visible, with the instruction 'Press F1 for more help.' The main document text reads: 'Exoplanet Paragraph' followed by 'The coolest thing about exoplanets is discussed by Swain<sup>1</sup>'. A footnote at the bottom of the page is circled in pink: '1 M. R. Swain, P. Deroo, C. A. Griffith, G. Tinetti, A. Thatte, G. Vasisht, P. Chen, J. Bouwman, I. J. Crossfield, and D. Angerhausen, "A ground-based near-infrared emission spectrum of the exoplanet HD 189733b," Nature 463 (7281), 637-639 (2010).'

# Intermediate Lab

## PHYS 3870

### An Exercise in Reference Management and Use

#### Use Google Scholar to find:

- A physics related article by an author with your last name
- An article in American Journal of Physics related to this topic
- An article from within the last 2 years related to this topic
- An article from before you were born related to this topic

#### Use Google Scholar and EndNote to:

- Use *Google Scholar* to save citations to these 4 articles in *EndNote Basic* format
- Write a sort paragraph about the physics topic in *Word*.
- Use *EndNote Basic Cite-While-You-Write* to provide citations for your paragraph.
- Use *EndNote Basic* to create a bibliography for your paragraph using the AIP Style.
- Save your Word file as a PDF file, with a filename LastnameFirstInitial\_Endnote.pdf (e.g., DennisonJ\_EndNote.pdf).

# Intermediate Lab

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### An Example of an Exercise in Reference Management and Use

#### Spacecraft Charging Tests for Dummies

JR Dennison

Space is big, really big. As Douglas Adams famously said, “Space is big. Really big. You just won't believe how vastly, hugely, mind-bogglingly big it is. I mean, you may think it's a long way down the road to the chemist, but that's just peanuts to space.”<sup>1</sup> Space is also harsh...really harsh.<sup>2</sup> To understand how this harsh environment affects the materials spacecraft are made out of, tests need to be performed in ground-based test facilities that simulate the space environment.<sup>3,4</sup> The results of such tests are then used in complex numerical programs that estimate the charging of spacecraft in various space environments.<sup>5</sup>



#### References

1. D. Adams, (London: Pan Books Ltd, 1979).
2. D. Hastings and H. Garrett, *Spacecraft-environment interactions*. (Cambridge university press, 2004).
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4. E. Stromberg, C. Frazier, L. Montierth Phillipps, A. Souvall, J. Dennison and J. S. Dyer, (2015).
5. I. Katz, M. Mandell, G. Jongeward and M. S. Gussenhoven, *Journal of Geophysical Research: Space Physics* (1978–2012) 91 (A12), 13739-13744 (1986).