

How to Create Your Website

- 1. Organize your content:** Create a general outline that you think you can follow so you can break up your research into sections that can be put into separate web pages. For example, my topic, Isoprene, will be broken up into the following sub-topics
 - a. Introduction
 - b. Origins of Rubber
 - c. Cis and Trans
 - d. Rubber's Promoters
 - e. What Makes it Stretch?
 - f. Rubber Affects History
 - g. History Affects Rubber
- 2. Create your webpages:** Even if you don't have any content for them yet (but you will need page titles), you want to create the framework for your site first so you don't have to worry about it much later. Follow these steps (use the original handout as a visual guide)
 - a. Go to <http://itech.dickinson.edu/chemistry>
 - b. Click login on the top of the page
 - c. Log in with **username: chemistry & password: chemistry**
 - d. Click on the **'write'** button on the top of the page once you have logged in.
 - e. You will fill in the **title, categories and tags** section
 - i. The only tag you need is your name. As you start to type it, it will appear below the field and you can click on it to select it
 - ii. There will be a list of categories to choose from, select the topic you are researching.
 - f. When you are finished, click the **'Publish'** button (not the save button)
 - g. Follow this cycle until you have created a page for each of your subtopics.
- 3. Build the Navigation for your site:** Once you have all of the pages created, click on the **'Manage'** tab on the top of the page. You will want open the page in 2 different tabs for easy editing. This way, on one tab you can be editing a page and the other one you will be getting the urls to create your navigation.

The next few pages will visually walk you through the process of building your navigation.

Building Navigation Into your website

Keep the website open in 2 different Tabs for easy editing



On one tab, you will Click 'Manage' and search for your webpages. This is where you will be copying the locations of the webpages by copying the URL. You can do this by right clicking on the 'view' button for any page & selecting 'Copy Link Location'

1. Click 'Manage'

2. Choose your Category & hit 'filter' to narrow down search

3. Right Click 'View' & choose 'Copy Link Location' to grab URL to your page

Dashboard Write **Manage** Comments Profile

Posts Uploads

A new version of WordPress is available. Administrator.

Posts in "Isoprene"

Search terms... Status... Any Month... Any Category... Isoprene (7) Filter »

ID	When	Title	Category	Comments	Author	View	Edit	Delete
92	2008-03-19 1:42:35 pm	History Affects Rubber	Isoprene	0	chemistry	View	Edit	Delete
91	2008-03-19 1:42:24 pm	Rubber Affects History	Isoprene	0	chemistry	View	Edit	Delete
90	2008-03-19 1:42:12 pm	What Makes it Stretch?	Isoprene	0	chemistry	View	Edit	Delete
89	2008-03-19 1:41:55 pm	Rubber's Promoters	Isoprene	0	chemistry	View	Edit	Delete
88	2008-03-19 1:41:36 pm	Cis and Trans	Isoprene	0	chemistry	View	Edit	Delete
87	2008-03-19 1:35:59 pm	Origins of Rubber	Isoprene	0	chemistry	View	Edit	Delete
86	2008-03-19 1:34:34 pm	Introduction to Isoprene	Isoprene	0	chemistry	View	Edit	Delete

Context menu for 'View' button:

- Open Link in New Window
- Open Link in New Tab
- Bookmark This Link
- Tag This Link...
- Save Link As...
- Send Link...
- Copy Link Location**
- Properties

Posts in "Isoprene"

Search terms...

Status...

Any

Any

Isoprene (7)

Filter »

ID	When	Title	Comments	Author			
92	2008-03-19 1:42:35 pm	History Affects Rubber	0	chemistry	View	Edit	Delete
91	2008-03-19 1:42:24 pm	Rubber Affects History	0	chemistry	View		
90	2008-03-19 1:42:12 pm	What Makes it Stretch?	0	chemistry	View		
89	2008-03-19 1:41:55 pm	Rubber's Promoters	0	chemistry	View		
88	2008-03-19 1:41:36 pm	Cis and Trans	0	chemistry	View		

Click back over to your other tab and right click on 'view' on one of the pages to grab the url. Click 'Copy link location'. Then, click back to the page you were editing.

- Open Link in New Window
- Open Link in New Tab
- Bookmark This Link...
- Tag This Link...
- Save Link As...
- Send Link...
- Copy Link Location**
- Properties

B *I* **ABC** | | | | | | |

Paragraph **U** | | | | |

...tion to [Isoprene](#) | [Origins of Rubber](#) | [Cis and Trans](#) | [Rubber's Promoters](#)
[What Makes it Stretch?](#) | [Rubber Affects History](#) | [History Affects Rubber](#)

2. Click the 'Insert Link' button

Insert/edit link

Insert/edit link

Link URL

Target Open link in the same window

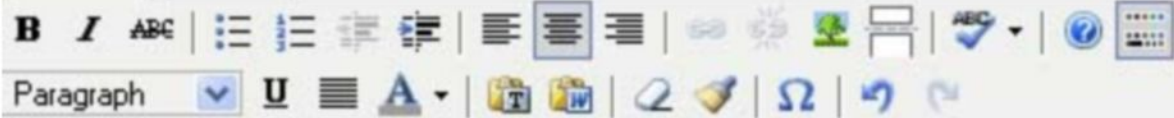
Title

3. Paste the URL into the 'link url' field and click 'insert'

1. Highlight the title of the page you want to create a link to.

Post

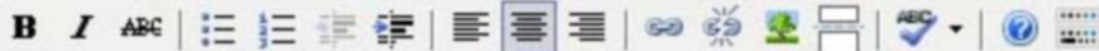
Visual Code



Introduction to [Isoprene](#) | [Origins of Rubber](#) | [Cis and Trans](#) | [Rubber's Promoters](#)
What Makes it Stretch? | [Rubber Affects History](#) | [History Affects Rubber](#)

Continue that cycle until all of your pages have been linked. When you are finished, you can save the page (choose 'Save & Continue Editing'). You can then copy the navigation and paste it into the top of all of your pages by toggling between your 2 tabs.

Visual Code



[Introduction to Isoprene](#) | [Origins of Rubber](#) | [Cis and Trans](#) | [Rubber's Promoters](#)
[What Makes it Stretch?](#) | [Rubber Affects History](#) | [History Affects Rubber](#)

Undo

Cut

Copy

Paste

Delete

Select All

Search Google for "Introduction to..."

Tag This Page...

View Selection Source

Spell check this field

[View »](#)

Path: p

Brenda Landis

Continue Editing

Save

Add a Jmol Image to your Site

1. **Find a Jmol image of your molecule:** There are a few sites that have an assortment of Jmol images but **chemagic** seems to have the most so start there.
 - a. http://chemagic.com/web_molecules/alphaindex.aspx
 - b. <http://www.nyu.edu/pages/mathmol/library/>
 - c. <http://www.stolaf.edu/depts/chemistry/mo/struc/explore.htm>
 - d. <http://www.3dchem.com/>

It is best to add the Jmol image last when you have completed most of your editing on a page and it is in its final form.

You will need a small piece of code to display your molecule within your page.

```
<script src="../../jmol/Jmol.js" type="text/javascript"></script>
```

```
<script type="text/javascript"> jmolInitialize("../jmol"); jmolApplet(300, "load  
http://itech.dickinson.edu/chemistry/wp-  
content/uploads/2008/02/prozac.txt");</script>
```

You can simply copy and paste this code following the tutorial shown. You will only have to change the URL so it points to your molecule and not the Prozac one listed above. You will receive an email with this piece of code in it so you can easily copy and paste this into the page.

Adding A Jmol Image

CheMagic

Site Navigation

Welcome

Otis' Page

Jim's Page

Ernie's Page

Magic Show

CheMagic Demos

Stoichiometry

Calculator Info

*Web Molecules

Presentations

Cohort

Send Email

Periodic Table

Model

Click Compound Link to Load Model

(-) geosmin
(-) luciferin
(-) tartaric acid
(+) geosmin
(+) tartaric acid
18-crown-6
1-aminobutane
1-aminopentane
1-butanol
1-butene
1-pentanol
2,2,4-trimethylpentane
2,2-dimethylbutane
2,3-dimethylbutane
2-butanol
2-butanone
2-methylpentane
2-methylpropane

cyclamate
cyclobutane
cyclobutene
cyclohexane
cyclohexane
cyclohexano
cyclohexene
cymbalta
cysteine
cytosine
decane
demerol
dextrometho
diaminohexa
diamond
dichloromet
diels alder
diels alder 2

Open the Chemagic page and try to find your molecule. Click the link to load the image.

When the image loads, right click the Jmol image to see options. Choose the options highlighted below to download a copy of the molecule.

The screenshot shows a Jmol applet window with a 3D model of a molecule. A context menu is open over the model, listing various actions. The 'isoprene.mol' file name is highlighted in the menu. A callout bubble points to the 'isoprene.mol' entry in the menu.

isoprene.mol	atoms:13
Select	bonds:12
Render	groups:1
Labels	chains:1
Color	polymers:0
Zoom	models:1
Spin	isoprene.mol
Animate	
Measurements	
Crystal	
Options	
Console...	
About Jmol	

Click to download image.

Web Molecules

cymbalta: C₁₅H₁₉NO

Select a compound from the list of compounds.

Opening cymbalta.mol

You have chosen to open



cymbalta.mol

which is a: MDL Molecule File
from: <http://chemagic.com>

1. Save Jmol image to your computer.

What should Firefox do with this file?

- Open with Internet Explorer (default)
- Save to Disk
- Do this automatically for files like this from now on.

OK

Cancel



isoprene.mol



isoprene.txt

2. The file will download with the extension .mol. You need to rename the file with the extension .txt

3. Open the Manage screen again and find the page where you want to add a Jmol image. Click 'Edit'.

Posts in "Isoprene"

Search terms...

Status...

Month...

Category...

Any

Any

Isoprene (7)

Filter »

ID	When	Title	Category	Comments	Author			
92	2008-03-19 1:42:35 pm	History Affects Rubber	Isoprene	0	chemistry	View	Edit	Delete
91	2008-03-19 1:42:24 pm	Rubber Affects History	Isoprene	0	chemistry	View	Edit	Delete
90	2008-03-19 1:42:12 pm	What Makes it Stretch?	Isoprene	0	chemistry	View	Edit	Delete

Edit

Title
Introduction to Isopr

Post

Visual Code

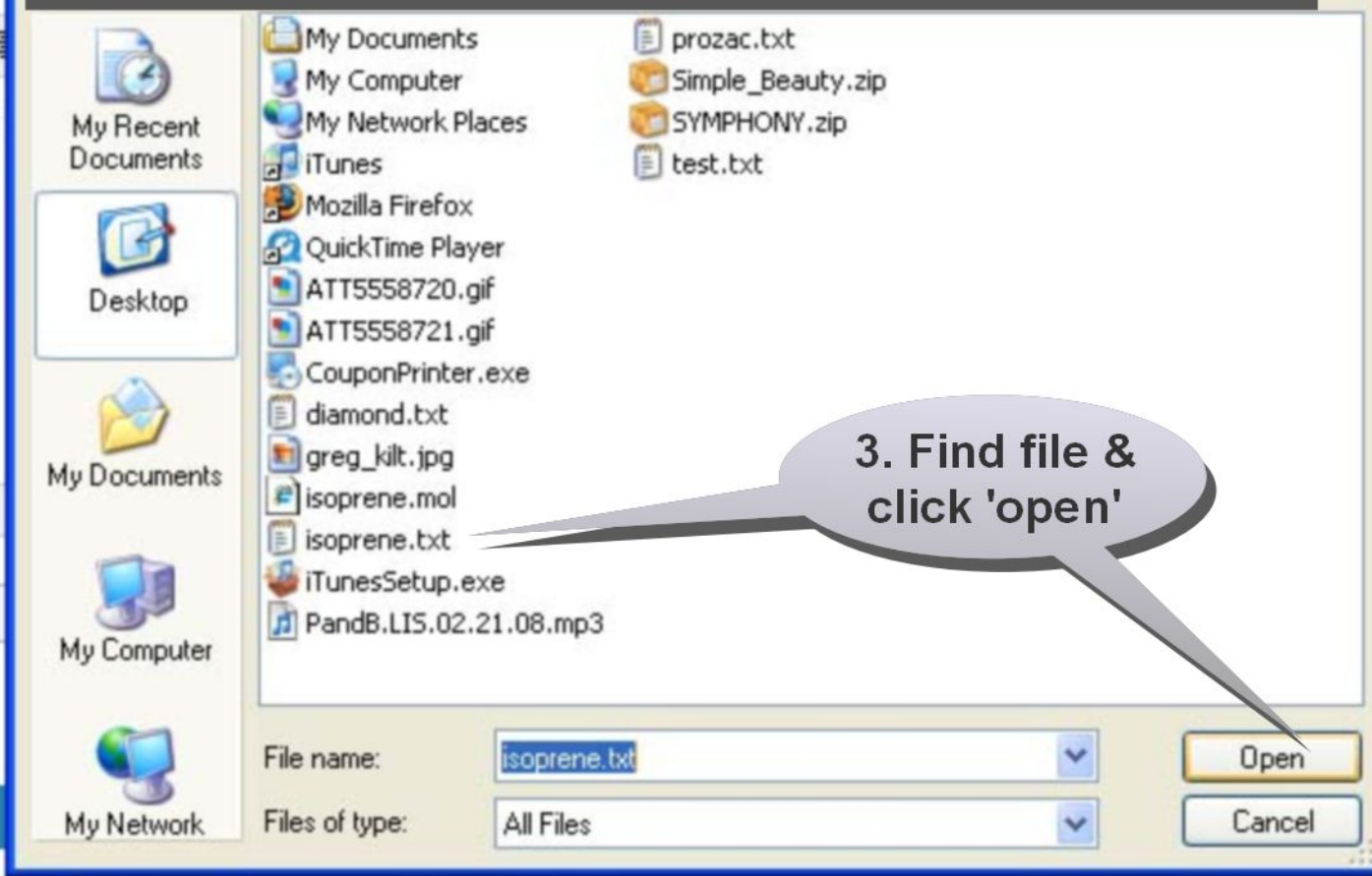
B I ABC | [List of icons]

This is my opening page. This is pages.

Path:

Brenda Landis

When you are on the Edit screen, go to the 'upload' section & click 'browse' to navigate to your file. Click 'open' & then 'upload'



1. Go to upload Area

3. Find file & click 'open'

2. Click Browse

4. Click upload

Upload Browse Browse All

File C:\Documents and Settir

Title

Description

Introduction

Post

Visual Code

b *i* link b-quote del ins img lookup close tag

This is my opening page. This is where i will write the topic is and what I will be

```
<script src="../../jmol/Jmol.js" type="text/javascript"></script>
<script type="text/javascript"> jmolInitialize("../../jmol"); jmolApplet(300, "load
http://itech.dickinson.edu/chemistry/wp-content/uploads/2008/02/prozac.txt"); </scrip
```

1. Click on the 'Code' tab

2. Paste in the code for the Jmol viewer

4. Highlight the original URL in the code and paste the URL to your file in its place

5. Save Page

3. Right click the link to your file and click 'copy link location'

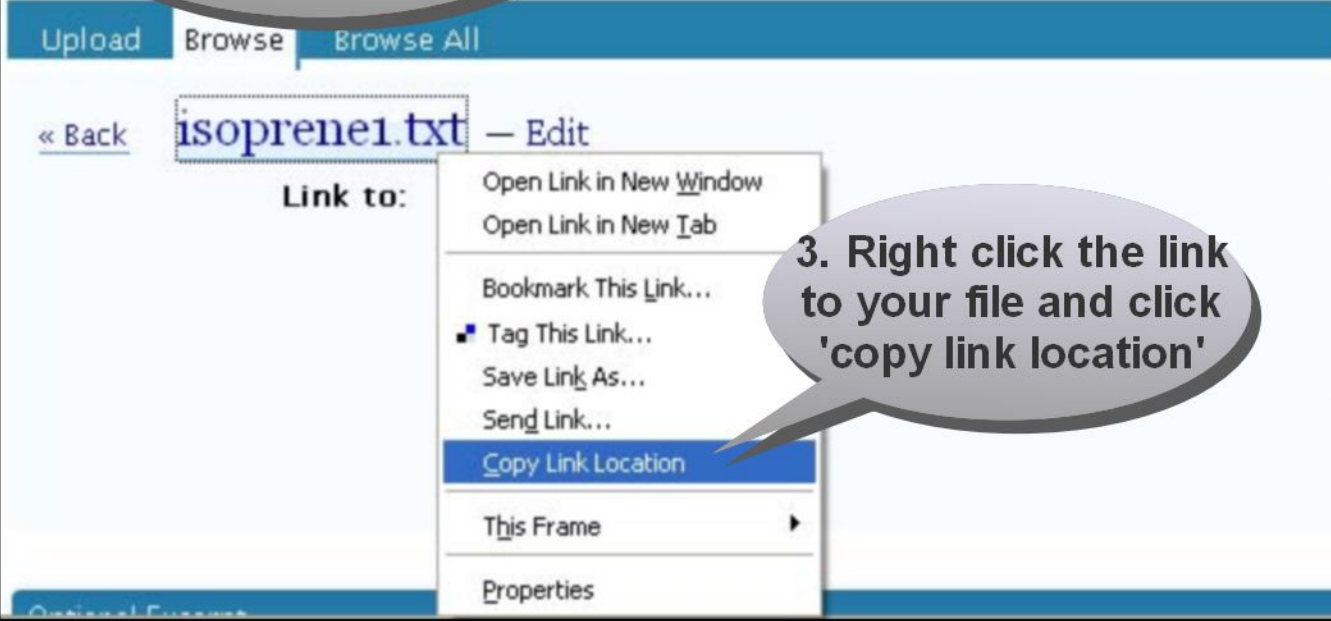
Once the file is uploaded, copy the small piece of code needed to display a Jmol image.

Click the 'Code' tab on the text editor and paste the script where you want it to show up on the page.

Go back to the upload area and right click on file you just uploaded so you can grab the url by clicking 'copy link location'

Finally, highlight the url that is in the script as shown in the picture and paste your url in place of the one that is there. Make sure you only get rid of the url and not the quote marks that are around it, those are needed for the viewer to work.

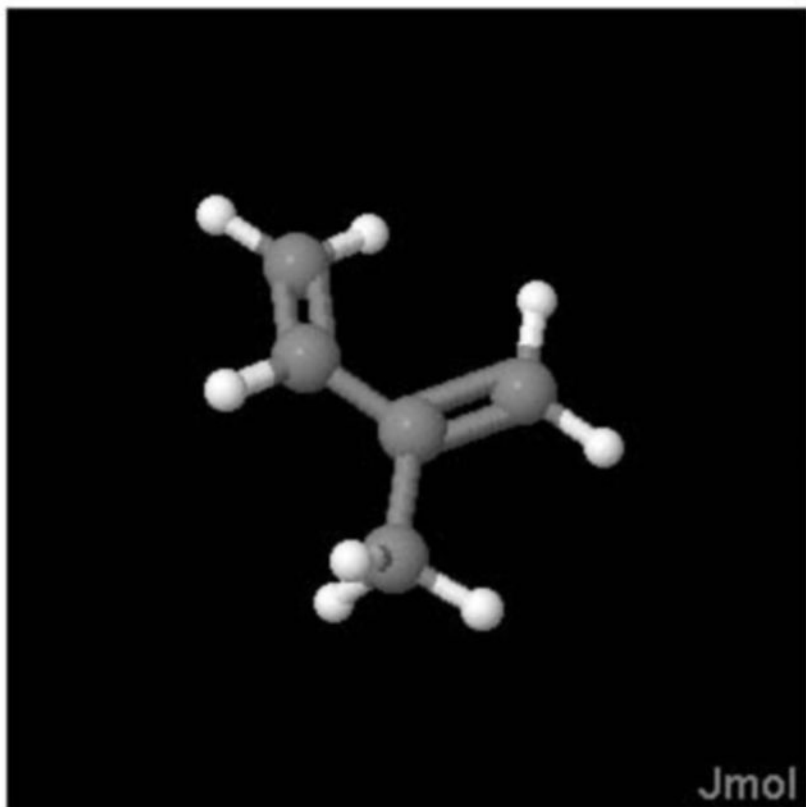
Hit SAVE!



Introduction to Isoprene

March 19th, 2008 · [No Comments](#) · [Edit This](#)

This is my opening page. This is where i will state what my topic is and what I will be covering on other pages.



Tags: Isoprene

View the page on the website to make sure everything works properly.