



# CSS and JavaScript Tips and Tricks for WebVoyage 7

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# Tools

- Browsers

✓ Firefox



<http://getfirefox.com>

✓ Firebug



**FireBug**

web debugging evolved

<http://getfirebug.com>

✓ Internet Explorer 

```
<script type='text/javascript'
```

```
src='http://getfirebug.com/releases/lite/1.2/firebug-lite-compressed.js'></script>
```

✓ IE Developer Toolbar

<http://go.microsoft.com/fwlink/?LinkId=92716>

# Tools, continued

- Code Editor (Search & Replace / File Comparison)
  - ✓ **Syntax Highlighting**
  - ✓ **Code Balancing**
  - ✓ **Find & Replace (All)**
  - ✓ **File Comparison**
  - ✓ Auto Indent
  - ✓ Find & Replace Using GREP

# Tools, continued

- Code Editors (Search & Replace / File Comparison)
  -  BBEEdit, FileMerge (OS X)
  -  UltraEdit, Beyond Compare (Windows/Linux)
  - Sources of free tools  
<http://www.thefreecountry.com/programming/>

# Tools, continued

- XML Editors / XSLT Debuggers
  - XML Spy (Windows)
  - oXygen (Windows, OS X, Linux)
  - EditiX (Windows, OS X, Linux, free)
  - Cooktop (Windows, free)
  - Komodo Edit (Windows, OS X, Linux, free)

# Understanding CSS

Order by stylesheet type:

1. !important User style sheet
2. !important Author style sheet
3. Author style sheet
4. User style sheet
5. User Agent (browser) styles



# CSS Specificity Rules

	selector	example	specificity
1	!important	p { color:red !important; }	Beats everything!
2	inline style	<p style="color:blue;">	1,0,0,0
3	id	p#my_id { color:purple; }	0,1,0,0
4	class	p.my_class { color: yellow; }	0,0,1,0
5	element	p { color: orange; }	0,0,0,1
6	universal selector	* { color: black; }	0,0,0,0

# Cascading Style Sheets

## Specificity Examples

CSS	Number and Type	Specificity
<code>p { color:red; }</code>	One element	0,0,0,1
<code>div p { color:orange; }</code>	Two elements	0,0,0,2
<code>.grape { color:purple; }</code>	One class	0,0,1,0
<code>*.bright { color:yellow; }</code>	One class	0,0,1,0
<code>div.bright p.grape { color:green; }</code>	Two classes, two elements	0,0,2,2
<code>#my_grape_id { color:blue; }</code>	One id selector	0,1,0,0
<code>div #sidebar .shiny {color:silver}</code>	One id selector, one class, one element	0,1,1,1



# Cascading Style Sheets

## Specificity Examples

CSS Selector	Specificity	
h1 { color:red; }	0,0,0,1	
body h1 { color:green; }	0,0,0,2	winner
h2.grape { color:purple; }	0,0,1,1	winner
h2 { color:silver; }	0,0,0,1	
body div p ul ol li.answer { color:red; }	0,0,1,6	
li#answer { color:navy; }	0,1,0,1	winner

# CSS Equal Specificity

- Equal specificity: the latest rule is the rule that is applied.  
If you have the same rule in your stylesheet(s) twice, the last rule is deemed more specific.

In frameWork.css, which loads first:

```
#pageContainer { text-align: center; }
```

In searchPages.css, which loads later:

```
#pageContainer { text-align: left; } 
```

# CSS Equal Specificity

```
p { color: red; background-color: yellow; }
```

```
p { color: green; }
```

```
<p>green text</p>
```

green text

```
h1 { font-size: 1.5em; color: red; }
```

```
h1 { color: blue; font-size: 1.5em; }
```

```
<h1>blue text</h1>
```

blue text

# CSS Specificity Overview

Generally...

1. `h1 { color:purple !important; }`
2. `<h1 style='color:red;'>` (inline)
3. `#id { color:blue; }`
4. `.class { color:green; }`
5. `h1 { color:yellow; }`

<http://www.w3.org/TR/CSS2/cascade.html>

# Positioning



Default is position: static;

A screenshot of a Mozilla Firefox browser window. The address bar shows the URL "http://lib-serv.tccd.edu/test/css\_position". The page content is split into two columns. The left column contains CSS code and HTML markup. The right column shows the rendered output of the code, with three nested divs highlighted in different colors (yellow, blue, green) and their text visible. The browser window has standard OS window controls (red, yellow, green buttons) and a search bar with "Google" and "ABP" icons.

```
<style>
  body { font-family:sans-serif; }
  div#container { width:50%; }
  div#before { background-color:#ECECEC; }
  div#main { border: 1px solid blue; }
  div#main1 { background-color:#EEECCC; }
  div#main2 { background-color:#CCCEEE; }
  div#main3 { background-color:#CEECCE; }
  div#after { background-color:#CECECE; }
</style>

<div id='container'>
  <div id='before'>This is the div before the main div.</div>
  <div id='main'>
    <div id='main1'>This is main1. It is the first div nested in main.</div>

    <div id='main2'>This is main2. It is the second div nested in main.</div>

    <div id='main3'>This is main3. It is the third div nested in main.</div>
  </div>
  <div id='after'>This is the div after the main div.</div>
</div>
```

This is the div before the main div.

This is main1. It is the first div nested in main.

This is main2. It is the second div nested in main.

This is main3. It is the third div nested in main.

This is the div after the main div.



# Positioning



Default is position: static; Adding left:-50px; does nothing.

A screenshot of a Mozilla Firefox browser window. The address bar shows the URL "http://lib-serv.tccd.edu/test/css\_position". The page content is split into two columns. The left column contains CSS code and HTML markup. The right column shows the rendered output of the code. A yellow arrow points from the CSS code to the rendered output.

```
<style>
  body { font-family:sans-serif; }
  div#container { width:50%; }
  div#before { background-color:#ECECEC; }
  div#main { border: 1px solid blue; }
  div#main1 { background-color:#EEECCC; left:-50px; }
  div#main2 { background-color:#CCCEEE; }
  div#main3 { background-color:#CEECCE; }
  div#after { background-color:#CECECE; }
</style>

<div id='container'>
  <div id='before'>This is the div before the main div.</div>
  <div id='main'>
    <div id='main1'>This is main1. It is the first div nested in main.</div>

    <div id='main2'>This is main2. It is the second div nested in main.</div>

    <div id='main3'>This is main3. It is the third div nested in main.</div>
  </div>
  <div id='after'>This is the div after the main div.</div>
</div>
```

This is the div before the main div.

This is main1. It is the first div nested in main.

This is main2. It is the second div nested in main.

This is main3. It is the third div nested in main.

This is the div after the main div.

# Positioning



Change to **position:relative**. left: -50px; now has an effect.  
Notice that main1 still has an effect on the flow.

A screenshot of a Mozilla Firefox browser window. The address bar shows the URL "http://lib-serv.tccd.edu/test/css\_position". The page content is a mix of CSS code and HTML. A yellow arrow points from the CSS code to the rendered page. The rendered page shows a container with a blue border. Inside the container, there are four nested divs: "before" (grey), "main1" (yellow), "main2" (blue), and "main3" (green). The "main1" div is shifted 50px to the left. The "main2" and "main3" divs are also shifted to the left, but they are positioned relative to their own parent "main" container, so they appear to be in their original positions relative to the container's width.

```
<style>
  body { font-family:sans-serif; }
  div#container { width:50%; }
  div#before { background-color:#ECECEC; }
  div#main { border: 1px solid blue; }
  div#main1 { background-color:#EEEECC; left:-50px; position:relative;}
  div#main2 { background-color:#CCCEEE; }
  div#main3 { background-color:#CEECCE; }
  div#after { background-color:#CECECE; }
</style>

<div id='container'>
  <div id='before'>This is the div before the main div.</div>
  <div id='main'>
    <div id='main1'>This is main1. It is the first div nested in main.</div>

    <div id='main2'>This is main2. It is the second div nested in main.</div>

    <div id='main3'>This is main3. It is the third div nested in main.</div>
  </div>
  <div id='after'>This is the div after the main div.</div>
</div>
```

This is the div before the main div.

This is main1. It is the first div nested in main.

This is main2. It is the second div nested in main.

This is main3. It is the third div nested in main.

This is the div after the main div.



# Positioning



Change to **position:absolute**. left: -50px; still has an effect.  
Notice that main1 now has **no effect on the flow** and **covers main2**.

A screenshot of a Mozilla Firefox browser window. The address bar shows the URL "http://lib-serv.tccd.edu/test/css\_position". The page content is split into two parts: a code editor on the left and a rendered page on the right. The code editor shows CSS styles for a container, a 'before' div, a 'main' container, and three nested 'main' divs (main1, main2, main3), followed by an 'after' div. The 'main1' style includes 'position: absolute; left: -50px;'. The rendered page shows the visual output: a blue-bordered container with a grey background. Inside, there is a grey box 'before', a blue-bordered 'main' container, and three nested boxes: a grey 'main1' box (positioned to the left of the main container), a light blue 'main2' box (partially covered by main1), and a light green 'main3' box. A grey box 'after' is at the bottom. A yellow arrow points from the 'position: absolute;' line in the code to the 'main1' box in the rendered page. The browser window has standard OS window controls and a search bar with "Google" and "ABP" icons.

```
<style>
  body { font-family:sans-serif; }
  div#container { width:50%; }
  div#before { background-color:#ECECEC; }
  div#main { border: 1px solid blue; }
  div#main1 { background-color:#EEEECC; left:-50px; position:absolute;}
  div#main2 { background-color:#CCCEEE; }
  div#main3 { background-color:#CEECCE; }
  div#after { background-color:#CECECE; }
</style>
```

```
<div id='container'>
  <div id='before'>This is the div before the main div.</div>
  <div id='main'>
    <div id='main1'>This is main1. It is the first div nested in main.</div>
    <div id='main2'>This is main2. It is the second div nested in main.</div>
    <div id='main3'>This is main3. It is the third div nested in main.</div>
  </div>
  <div id='after'>This is the div after the main div.</div>
</div>
```

This is the div before the main div.

This is main1. It is the first div nested in main.

second div nested in main.

This is main3. It is the third div nested in main.

This is the div after the main div.

# Positioning



Change the parent, **main**, to **position:relative**.  
Now main1's absolute is positioned within it's parent.

```
<style>
  body { font-family:sans-serif; }
  div#container { width:50%; }
  div#before { background-color:#ECECEC; }
  div#main { border: 1px solid blue; position:relative; }
  div#main1 { background-color:#EEEECC; position:absolute;
              top:0; right:0; width:50px; }
  div#main2 { background-color:#CCEEEE; }
  div#main3 { background-color:#CEECCE; }
  div#after { background-color:#CECECE; }
</style>

<div id='container'>
  <div id='before'>This is the div before the main div.</div>
  <div id='main'>
    <div id='main1'>This is main1. It is the first div nested in main.</div>

    <div id='main2'>This is main2. It is the second div nested in main.</div>

    <div id='main3'>This is main3. It is the third div nested in main.</div>
  </div>
  <div id='after'>This is the div after the main div.</div>
</div>
```

main1 text covers the text from main2 and main3 when using position:absolute.

# Positioning



Change main1 from `position:absolute` to **`float:left`**;  
Text from main1 no longer covers text in main2 and main 3.

A screenshot of a Mozilla Firefox browser window. The address bar shows the URL `http://lib-serv.tccd.edu/test/css_position`. The page content is split into two parts: a code editor on the left and a rendered preview on the right. In the code editor, the CSS rule for `div#main1` is highlighted with a yellow arrow pointing to `float:left`. The rendered preview shows a main container with a blue border. Inside, there is a "before" div (grey), a "main" div (white) containing three nested divs (main1, main2, main3), and an "after" div (grey). The text in the main1 div is no longer overlapping the text in main2 and main3.

```
<style>
  body { font-family:sans-serif; }
  div#container { width:50%; }
  div#before { background-color:#ECECEC; }
  div#main { border: 1px solid blue; position:relative; }
  div#main1 { background-color:#EEEECC; float:left; width:50px; }
  div#main2 { background-color:#CCCEEE; }
  div#main3 { background-color:#CEECCE; }
  div#after { background-color:#CECECE; }
</style>

<div id='container'>
  <div id='before'>This is the div before the main div.</div>
  <div id='main'>
    <div id='main1'>This is main1. It is the first div nested in main.</div>

    <div id='main2'>This is main2. It is the second div nested in main.</div>

    <div id='main3'>This is main3. It is the third div nested in main.</div>
  </div>
  <div id='after'>This is the div after the main div.</div>
</div>
```

This is the div before the main div.

This is main1. It is the first div nested in main.

This is main2. It is the second div nested in main.

This is main3. It is the third div nested in main.

This is the div after the main div.



# Positioning



Add **float:left** to main2 and make it 50px wide.  
Notice the position of div id='after'.

The screenshot shows a Mozilla Firefox browser window with the address bar displaying `http://lib-serv.tccd.edu/test/css_position`. The page content is split into two parts: a code editor on the left and a rendered preview on the right.

```
<style>
  body { font-family:sans-serif; }
  div#container { width:50%; }
  div#before { background-color:#ECECEC; }
  div#main { border: 1px solid blue; position:relative; }
  div#main1 { background-color:#EEEECC; float:left; width:50px; }
  div#main2 { background-color:#CCCEEE; float:left; width:50px; }
  div#main3 { background-color:#CEECCE; }
  div#after { background-color:#CECECE; }
</style>

<div id='container'>
  <div id='before'>This is the div before the main div.</div>
  <div id='main'>
    <div id='main1'>This is main1. It is the first div nested in main.</div>

    <div id='main2'>This is main2. It is the second div nested in main.</div>

    <div id='main3'>This is main3. It is the third div nested in main.</div>
  </div>
  <div id='after'>This is the div after the main div.</div>
</div>
```

The rendered preview on the right shows the following text layout:

This is the div before the main div.

This is main1. It is the first div nested in main.

This is main2. It is the second div nested in main.

This is main3. It is the third div nested in main.

This is the div after the main div.

A yellow arrow points from the `float:left; width:50px;` line in the CSS code to the rendered main2 div.

# Positioning



Add **clear:left** to the div id='after' to position it after main.  
Main is the parent of main1, main2, and main3.

A screenshot of a Mozilla Firefox browser window. The address bar shows the URL "http://lib-serv.tccd.edu/test/css\_position". The page content is split into two columns. The left column contains CSS code and HTML structure. The right column shows the rendered output of the code. A yellow arrow points from the "clear:left;" property in the CSS code to the rendered output. The rendered output shows a "before" div, a "main" div containing three nested "main" sub-divs (main1, main2, main3), and an "after" div. The "after" div is positioned below the "main" div, demonstrating the effect of the "clear:left;" property.

```
<style>
  body { font-family:sans-serif; }
  div#container { width:50%; }
  div#before { background-color:#ECECEC; }
  div#main { border: 1px solid blue; position:relative; }
  div#main1 { background-color:#EEEECC; float:left; width:50px; }
  div#main2 { background-color:#CCCEEE; float:left; width:50px; }
  div#main3 { background-color:#CEECCE; }
  div#after { background-color:#CECECE; clear:left; }
</style>

<div id='container'>
  <div id='before'>This is the div before the main div.</div>
  <div id='main'>
    <div id='main1'>This is main1. It is the first div nested in main.</div>

    <div id='main2'>This is main2. It is the second div nested in main.</div>

    <div id='main3'>This is main3. It is the third div nested in main.</div>
  </div>
  <div id='after'>This is the div after the main div.</div>
</div>
```

This is the div before the main div.

This is main1. It is the first div nested in main.

This is main2. It is the second div nested in main.

This is main3. It is the third div nested in main.

This is the div after the main div.

# Positioning



Add **float:left** and **width:50px** to main 3 to complete 3 columns.  
Notice the blank space to the right of main3.

A screenshot of a Mozilla Firefox browser window. The address bar shows the URL "http://lib-serv.tccd.edu/test/css\_position". The page content is split into two parts: CSS code on the left and a rendered HTML preview on the right. The CSS code defines a container with a 50% width, a main container with a 1px solid blue border, and three main divs (main1, main2, main3) with widths of 50px and float:left. The rendered preview shows the layout: a blue-bordered container containing a "before" div, three "main" divs (main1, main2, main3) with different background colors, and an "after" div. A yellow circle highlights a gap to the right of the third main div, indicating the result of the CSS changes.

```
<style>
  body { font-family:sans-serif; }
  div#container { width:50%; }
  div#before { background-color:#ECECEC; }
  div#main { border: 1px solid blue; position:relative; }
  div#main1 { background-color:#EEEECC; float:left; width:50px; }
  div#main2 { background-color:#CCCEEE; float:left; width:50px; }
  div#main3 { background-color:#CEECCE; float:left; width:50px; }
  div#after { background-color:#CECECE; clear:left; }
</style>

<div id='container'>
  <div id='before'>This is the div before the main div.</div>
  <div id='main'>
    <div id='main1'>This is main1. It is the first div nested in main.</div>

    <div id='main2'>This is main2. It is the second div nested in main.</div>

    <div id='main3'>This is main3. It is the third div nested in main.</div>
  </div>
  <div id='after'>This is the div after the main div.</div>
</div>
```



# Positioning



Change main1, main2, & main3 widths to percentages to fill out div#main.

A screenshot of a Mozilla Firefox browser window. The address bar shows the URL "http://lib-serv.tccd.edu/test/css\_position". The page content is split into two columns. The left column contains CSS code and HTML markup. The right column shows the rendered output of the code. A yellow circle highlights the width values in the CSS code.

```
<style>
  body { font-family:sans-serif; }
  div#container { width:50%; }
  div#before { background-color:#ECECEC; }
  div#main { border: 1px solid blue; position:relative; }
  div#main1 { background-color:#EEECCC; float:left; width:33%; }
  div#main2 { background-color:#CCCEEE; float:left; width:33%; }
  div#main3 { background-color:#CEECCE; float:left; width:33%; }
  div#after { background-color:#CECECE; clear:left; }
</style>

<div id='container'>
  <div id='before'>This is the div before the main div.</div>
  <div id='main'>
    <div id='main1'>This is main1. It is the first div nested in main.</div>

    <div id='main2'>This is main2. It is the second div nested in main.</div>

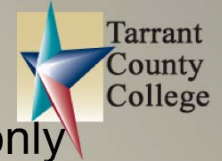
    <div id='main3'>This is main3. It is the third div nested in main.</div>
  </div>
  <div id='after'>This is the div after the main div.</div>
</div>
```

The rendered page shows the following layout:

- A grey box at the top: "This is the div before the main div."
- A blue horizontal line.
- Three colored boxes side-by-side:
  - Light green: "This is main1. It is the first div nested in main."
  - Light blue: "This is main2. It is the second div nested in main."
  - Light yellow: "This is main3. It is the third div nested in main."
- A grey box at the bottom: "This is the div after the main div."



# Positioning



Control column height with set amounts. Percentages for height work only if all parent containers have a height value on which to base the height.

A screenshot of a Mozilla Firefox browser window. The address bar shows the URL "http://lib-serv.tccd.edu/test/css\_position". The page content is split into two parts: a code editor on the left and a rendered preview on the right. The code defines a container with a 50% width and a main area with a relative position. Inside the main area, three divs (main1, main2, main3) are floated left with widths of 33% and heights of 130px. The rendered preview shows a grey "before" div, a blue-bordered "main" container, and a grey "after" div. Inside the main container, three colored boxes (yellow, blue, green) represent the floated divs. A yellow circle highlights the "main" container in both the code and the preview.

```
<style>
  body { font-family:sans-serif; }
  div#container { width:50%; }
  div#before { background-color:#ECECEC; }
  div#main { border: 1px solid blue; position:relative; }
  div#main1 { background-color:#EEEECC;float:left;width:33%;height:130px; }
  div#main2 { background-color:#CCCEEE;float:left;width:33%;height:130px; }
  div#main3 { background-color:#CEECCE;float:left;width:33%;height:130px; }
  div#after { background-color:#CECECE; clear:left; }
</style>

<div id='container'>
  <div id='before'>This is the div before the main div.</div>
  <div id='main'>
    <div id='main1'>This is main1. It is the first div nested in main.</div>

    <div id='main2'>This is main2. It is the second div nested in main.</div>

    <div id='main3'>This is main3. It is the third div nested in main.</div>
  </div>
  <div id='after'>This is the div after the main div.</div>
</div>
```

# CSS Tips

- Use **LVHA** for link styling  
Link styles should be put in the following order:  
**L**ink, **V**isited, **H**over, **A**ctive  
`a:link, a:visited { text-decoration: none; }`  
`a:hover, a:active { text-decoration: underline; }`
- Never use !important for specificity
- One unique id per page (for JavaScripts)
- `div p {color:salmon;} ≠ div, p {color:salmon;}`

# XML / XSLT Tips

- Must be well-formed

Every start tag `<>` has a corresponding end tag `</>`

✓ `<h1>some text</h1>` non-empty elements

✓ `<br />` empty elements

✓ `<hr/>` empty elements

- Must be nested properly

`<div><b><i>My Copy</b></i></div>`

- Indenting will help humans (including yourself) understand your XML.

# XML / XSLT Tips

- 5 predeclared special characters:
  - `&amp;` (& or “ampersand”)
  - `&lt;` (< or “less than”)
  - `&gt;` (> or “greater than”)
  - `&apos;` (‘ or “apostrophe”)
  - `&quot;` (“ or “quotation mark”)
- `disable-output-escaping="yes"`  
`<xsl:text disable-output-escaping="yes">&lt;</xsl:text>` = <

# JavaScript Tips

- Indent your code
- Comment your non-obvious code
- Use Firefox with FireBug for debugging
- Test for objects before using them!

```
function hideElement(my_element) {  
    if(document.getElementById && document.getElementById(my_element)) {  
        document.getElementById(my_element).style.visibility = 'hidden';  
    } else {  
        so something else...  
    }  
}
```

Check to make sure the browser understands this function.

Check to make sure the element exists.



# Tricks



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# Ex Libris Default Skin

ExLibris Voyager [Log in to your account](#)

[Search](#) [My Searches](#) [My List](#) [My Account](#) [? Help](#)

## Basic Search

Database: My Library Catalog

[Basic](#) [Advanced](#) [Subject](#) [Author](#) [Course Reserve](#) [Search History](#)

Search:  within [All Fields](#)

Limit To: [All Material](#)

Records per page: [10 records per page](#) [Search](#)

**Search Tips:** enter words relating to your topic, use quotes to search phrases: **"world wide web"**, use + to mark essential terms: **+explorer**, use \* to mark important terms: **\*internet**, use ? to truncate: **browser?**

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[Your Library Name Here](#)

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# TCC Libraries, August 2008



Tarrant County College  **Libraries and Media Centers** [Log in to your account](#) [? Help](#)

[Catalog](#) [Databases](#) [Internet Resources](#) [Campus Libraries](#) [Media Services](#) [Help / Contact](#) [Library Home](#)

[Search](#) [My Searches](#) [My List](#) [My Account](#)

## Basic Search

[Basic](#) [Advanced](#) [Subject](#) [Author](#) [Course Reserve](#) [New Titles](#) [Search History](#)

**Search:**  **within**

**Limit To:**  (Keyword and Title Searches Only)

**Records per page:**

**Search Tips:** enter words relating to your topic, use quotes to search phrases: **"world wide web"**, use + to mark essential terms: **+explorer**, use \* to mark important terms: **\*internet**, use ? to truncate: **browser?**

[Catalog](#) [Databases](#) [Internet Resources](#) [Campus Libraries](#) [Media Services](#) [Help/Contact](#) [Help Searching](#)

[ [Tarrant County College Library](#) ] [ [Tarrant County College Home](#) ]  
[ [Contact Us](#) ] [ [Website Policy](#) ]

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TOMORROW STARTS HERE

[ESPAÑOL](#) [LIBRARY](#) [FINANCIAL AID](#) [A-Z INDEX](#) [CALENDAR](#) [MYTCC](#)

**ASK TCC** Ask real questions like: How do I apply to TCC?

**ASK**

[GETTING STARTED](#) [ABOUT TCC](#) [ADMISSIONS](#) [COURSES AND PROGRAMS](#) [STUDENT SERVICES](#) [CONTINUING EDUCATION](#) [CAMPUSES AND CENTERS](#)

[Future Students](#)

[Current and Former Students](#)

[Alumni](#)

[Business and Community](#)

[Faculty and Staff](#)

[Foundation and Scholarships](#)



Tickets Available for May 3 Larry Gatlin Concert

### TCC Highlights



Each time Fort Worth Police Department Det. Jeremy Spann prepares a warrant, investigates a case, or interviews victims, witnesses or suspects, he draws

### Latest News

04/16/09  
[Virtual Grocery Store will Help Developmentally Challenged Youth](#)

04/16/09  
[TCC South Campus Plans Earth Day Events](#)

04/23/09  
[TCC Trinity River Campus Opens Registration for Inaugural Term](#)

[MORE NEWS](#)

### Calendar of Events

[The Opening V: Annual Juried Student Art Exhibition 2009](#)  
April 13, 2009 - April 30, 2009, 12:00 pm - 3:00 pm, South

[Student Success Days](#)  
April 21, 2009 - April 22, 2009, 8:20 am - 1:00 pm, Northwest

[Need-a-Job/Get-a-Job Job Fair](#)  
April 23, 2009, 9:00 am - 2:00 pm, Southeast

[MORE EVENTS](#)



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[MORE EVENTS](#)



**2008-2009 Tarrant County College Catalog**

OFFICIAL TARRANT COUNTY COLLEGE CATALOG - VALID THROUGH MAY 30, 2009

- 2008-2009 Catalog**
- GENERAL INFORMATION
- GENERAL REGULATIONS
- OFFICIAL NOTICES
- CONTINUING EDUCATION SERVICES
- STUDENT SERVICES**
  - Student Handbook
  - Counseling Centers
  - Testing Centers
  - Special Services
  - Disability Support Services
  - Health Services
  - Bacterial Meningitis
  - Career and Employment Services
  - TCC Police Department
  - Parking Information
- ENROLLMENT INFORMATION
- TUITION AND FEES INFORMATION
- FINANCIAL AID
- ACADEMIC INFORMATION
- EDUCATIONAL PROGRAMS
- GRADUATION INFORMATION

CATALOG > STUDENT SERVICES

PRINT / SHARE

## Student Services

### Student Handbook

A Student Handbook is available here: [Student Handbook](#).

### Counseling Centers

At each campus, a qualified staff of counselors and advisors is available for consultation with students. Counselors are prepared to discuss matters of academic, career, and personal-social concern. Services are available during the day and evening hours. Advisement and testing information are available in each campus Counseling Center.

As one portion of TCC's advisement program, faculty, advisors, and counselors assist students in their programs of study. To comply with regulations of the Texas Success Initiative, all first-time college students must participate in the testing and advisement process. New students must complete admission processing prior to testing and advisement. Returning and reactivation students are urged to review their academic plans and consult with their program coordinator, counselor, or advisor prior to each registration.

Students are strongly encouraged to complete advisement prior to their initial registration.

### Testing Centers

A Testing Center on each campus administers placement tests, including Accuplacer, THEA (formerly TASP), and various departmental placement tests. Information on the Texas Success Initiative is available in the campus Testing Centers. Testing Centers also administer the College's program of credit-by-examination and interpret test scores for advanced placement. Students with appropriate work experience or training are urged to contact the Testing Center to determine if credit-by-examination/experience is available and appropriate in a particular area.

Other services offered through the Testing Centers vary by campus, but usually include career development assessment for students needing assistance in choosing a major field of study or career pathway. Hours of





Log in to your account  
Help

Scheduled maintenance on Library servers will be performed **Sunday, April 26 from 6:00am - 7:00am**. Library services may be unavailable at this time. Please plan your library usage needs accordingly.

## Tarrant County College Library Catalog

TCC Students, please answer a few quick questions about your library.

SEARCH

MY SEARCHES

MY LIST

MY ACCOUNT

END SESSION

### TCC Libraries

Find Books

Find Articles

Additional Resources

Tutorials

Contact The Libraries

FAQ

Ask A Librarian

Ask A Librarian --  
Asked & Answered

Comments & Questions

Login Problems

Campus Libraries

Northeast Campus

Northwest Campus

South Campus

Southeast Campus

Trinity River Campus

Media Services

Area Libraries

HOME > LIBRARIES > FIND BOOKS > SEARCH

Search History

Basic

Advanced

Subject

Author

Course Reserve

New Titles

Search:  within

Limit To:  Records per page:

Search

**Search Tips:** enter words relating to your topic, use quotes to search phrases: **"world wide web"**, use + to mark essential terms: **+explorer**, use \* to mark important terms: **\*internet**, use ? to truncate: **browser?**

### Announcements

Our original look is still available through the end of the semester.

Looking for **databases**?  
Click on [Find Articles](#).

Tell us what you think of our new look.



### New Titles

Evolutionists : American thinkers confront Charles Darwin, 1860-1920 / J. David Hoeveler.



Pottery on the wheel / Elsbeth S. Woody ; photographs by Steven Smolker.

Grandpa, is everything black bad? / story by Sandy Lynne Holman ; illustrated by Lela Kometiani.

Godfather [videorecording] : the Coppola restoration / Paramount Pictures presents ; screenplay by Mario Puzo and Francis Ford Coppola ; produced by Albert S. Ruddy ; directed by Francis Ford Coppola.



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Trinity River Campus

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Area Libraries

HOME > LIBRARIES > FIND BOOKS > TITLES

New Search :  Keyword Anywhere  [Search History](#)

**2596 results found**  
Keyword Anywhere(medicine)

1 2 3 ... 104

Select  Page  All Sort By:

1 **Corrosion of Medicine : Can the Profession Reclaim Its Moral Legacy?**  
Greyman, John, M.D./ Angell, Marcia (FRW)  
No call number  
no item information, Northeast Library Circulating Collection

2 **Medicine meets virtual reality 14 [electronic resource] : accelerating change in healthcare : next medical toolkit / edited by James D. Westwood ... [et al].**  
**Medicine Meets Virtual Reality (14th : 2006)**  
2006  
List of Titles in the ebrary E-Book Collection  
no item information, Electronic Resource

3 **Handbook of social studies in health and medicine [electronic resource] / edited by Gary L. Albrecht, Ray Fitzpatrick, and Susan C. Scrimshaw.**  
2003  
List of Titles in the ebrary E-Book Collection  
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4 **Current review of Chinese medicine [electronic resource] : quality control of herbs and herbal materials / chief editor, Ping-Chung Leung ; editors, Harry Fong, Charlie Changli Xue.**  
2006  
List of Titles in the ebrary E-Book Collection  
no item information, Electronic Resource

### Filter Your Search:

[Add Filters](#)

- + Book
- + Electronic Book
- + Library Northeast
- + Library Northeast + eBooks
- + Library Northwest
- + Library Northwest + eBooks
- + Library South
- + Library South + eBooks
- + Library Southeast
- + Library Southeast + eBooks
- + Media All Campuses
- + Media Northeast
- + Media Northwest
- + Media South
- + Media Southeast
- + Videorecording



Log in to your account [Help](#)

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Area Libraries

HOME > LIBRARIES > FIND BOOKS > TITLES

New Search :  Keyword Anywhere  [Search History](#)

2596 results found  
Keyword Anywhere(medicine)

1 2 3 ... 104

Select  Page  All Sort By: Relevance

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2006  
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### Filter Your Search:

#### Add Filters

- + Book
- + Electronic Book
- + Library Northeast
- + Library Northeast + eBooks
- + Library Northwest
- + Library Northwest + eBooks
- + Library South
- + Library South + eBooks
- + Library Southeast
- + Library Southeast + eBooks
- + Media All Campuses
- + Media Northeast
- + Media Northwest
- + Media South
- + Media Southeast
- + Videorecording





```
[VGER] voyager@lib-dev : sandbox/ => ls -Fla
total 360
drwxr-xr-x  7 voyager endeavor    14 Apr 17 13:20 ./
drwxr-xr-x 13 voyager endeavor    14 Jan 29 09:36 ../
drwxr-xr-x  4 voyager endeavor    50 Jul 23  2008 css/
-rwxr-xr-x  1 voyager endeavor   8144 Jun 24  2008 holdingsInfo.vbib.properties*
-rwxr-xr-x  1 voyager endeavor   8144 Jun 24  2008 holdingsInfo.vcit.properties*
-rwxr-xr-x  1 voyager endeavor   8144 Jun 24  2008 holdingsInfo.zbib.properties*
-rwxr-xr-x  1 voyager endeavor   8144 Jun 24  2008 holdingsInfo.zcit.properties*
drwxr-xr-x  3 voyager endeavor     4 Jun 24  2008 htdocs/
drwxr-xr-x  3 voyager endeavor    63 Jun 24  2008 images/
-rwxr-xr-x  1 voyager endeavor 10791 Jun 24  2008 internal.properties*
drwxr-xr-x  2 voyager endeavor    18 Jun 24  2008 jscripts/
-rwxr-xr-x  1 voyager endeavor 23006 Jun 24  2008 mapSearch.properties*
-rwxr-xr-x  1 voyager endeavor 97468 Jun 24  2008 webvoyage.properties*
drwxr-xr-x  9 voyager endeavor    54 Jun 24  2008 xsl/
[VGER] voyager@lib-dev : sandbox/ => mv css css.bak
[VGER] voyager@lib-dev : sandbox/ => mkdir css
[VGER] voyager@lib-dev : sandbox/ => ls -Fla
total 361
drwxr-xr-x  8 voyager endeavor    15 Apr 27 14:51 ./
drwxr-xr-x 13 voyager endeavor    14 Jan 29 09:36 ../
drwxr-xr-x  2 voyager endeavor     2 Apr 27 14:51 css/
drwxr-xr-x  4 voyager endeavor    50 Jul 23  2008 css.bak/
-rwxr-xr-x  1 voyager endeavor   8144 Jun 24  2008 holdingsInfo.vbib.properties*
-rwxr-xr-x  1 voyager endeavor   8144 Jun 24  2008 holdingsInfo.vcit.properties*
-rwxr-xr-x  1 voyager endeavor   8144 Jun 24  2008 holdingsInfo.zbib.properties*
-rwxr-xr-x  1 voyager endeavor   8144 Jun 24  2008 holdingsInfo.zcit.properties*
drwxr-xr-x  3 voyager endeavor     4 Jun 24  2008 htdocs/
drwxr-xr-x  3 voyager endeavor    63 Jun 24  2008 images/
-rwxr-xr-x  1 voyager endeavor 10791 Jun 24  2008 internal.properties*
drwxr-xr-x  2 voyager endeavor    18 Jun 24  2008 jscripts/
-rwxr-xr-x  1 voyager endeavor 23006 Jun 24  2008 mapSearch.properties*
-rwxr-xr-x  1 voyager endeavor 97468 Jun 24  2008 webvoyage.properties*
drwxr-xr-x  9 voyager endeavor    54 Jun 24  2008 xsl/
[VGER] voyager@lib-dev : sandbox/ => █
```

## Main Navigation Bar

- [Search](#)
- [My Searches](#)
- [My List](#)
- [My Account](#)

Default Basic Search form page with no stylesheets.

## Basic Search

Database:My Library Catalog

### Search Tab Navigation Bar

- [Basic](#)
- [Advanced](#)
- [Subject](#)
- [Author](#)
- [Course Reserve](#)

#### [Search History](#)

Search:  within

Limit To:

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Search Tips: enter words relating to your topic, use quotes to search phrases: "world wide web", use + to mark essential terms: +explorer, use \* to mark important terms: \*internet, use ? to truncate: browser?

## Footer Navigation Bar

- [Search](#)

## Main Navigation Bar

- [Search](#)
- [My Searches](#)
- [My List](#)
- [My Account](#)

New Search :   [Search History](#)

## Titles

Database:My Library Catalog  
2596 results found  
All Fields(medicine)

## Search Action Navigation

- 
- 

## Jumpbar Result Navigation

- [123](#)
- ...
- [260](#)
- [Next](#)

## Results action navigation bar

Default Basic Search  
results page with no  
stylesheets.

Filter Your Search:



**These links can be selected to filter search results**

- [add filter: Videos](#)
- [add filter: English language materials](#)
- [add filter: 2006 And After](#)

Default Basic Search results page with no stylesheets.



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Greyman, John, M.D./ Angell, Marcia (FRW)

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All Fields(medicine)

## Search Action Navigation

- 
- 



## Jumpbar Result Navigation

- [123](#)
- ...
- [260](#)
- [Next](#)

## Results action navigation bar



# Page Flow

- Using large margins to force elements up/down or left/right
- This would be easier if everything flowed  
Top Left  Right  
  
Bottom



framework.xsl

```

<!-- ## Html Body Section of the Page ## -->
<body class="frameWorkUI" onLoad="setFocus('{</page:page/@nameId}')({highlightNodes});" >
  <div id="pageContainer" >

    <!-- ## access Keys ## -->
    <a href="#mainContent" accesskey="1"></a> <!-- provide access to the main content -->
    <a href="#searchnavbar" accesskey="2"></a> <!-- provide access to the search -->
    <a href="#mainNav" accesskey="3"></a> <!-- provide access to the main navigation -->

    <!-- This is the Header -->
    <div id="pageHeader" >
      <xsl:call-template name="buildHeader" />
    </div>

    <xsl:call-template name="quickSearchBar" />

    <div id="mainContent" >
      <a name="mainContent"></a> <!-- This will help screen readers skip to the main content -->

      <!-- ## Display blockCode errorCode etc messages ## -->
      <xsl:call-template name="displayPageMessages" />

      <h1 id="pageHeadingTitle" >
        <xsl:call-template name="buildPageHeading" >
          <xsl:with-param name="nameId" select="'page.heading'" />
        </xsl:call-template>
      </h1>

      <noscript>
        <h2 class="accessibilityHeader" >
          <xsl:for-each select="$Configs/pageConfigs/accessibilityHeader[@nameId='timeOut']" >
            <xsl:value-of select="preText" /><xsl:value-of select="$timeout" /><xsl:value-of select="postText" />
          </xsl:for-each>
        </h2>
      </noscript>

      <xsl:call-template name="displayPageHtmlSnippet" >
        <xsl:with-param name="position" select="'aboveContent'" />
      </xsl:call-template>
      <xsl:call-template name="buildContent" />
      <xsl:call-template name="displayPageHtmlSnippet" >
        <xsl:with-param name="position" select="'belowContent'" />
      </xsl:call-template>
    </div>

    <!-- This is the Footer -->
    <xsl:call-template name="buildFooter" />

  </div>

  <!-- ## this is a show XML feature for debugging purposes ## -->
  <!-- ## for now it will probably fail validation and WAGS ## -->
  <xsl:if test="$debugEnabled='true'" >
    <div id="showXML" >
      <span id="showXMLLink"><a href="#" onclick="xmlWin.show();" >Show XML</a></span>
    </div>

    <div id="hiddenXML" style="visibility:hidden;display:none" >
      <xsl:call-template name="showXML" />
    </div>

    <script type="text/javascript" >
      xmlWin = new Window('xmlView', {className: "alphacube", title: "Xml View",
      xmlWin.getContent().innerHTML = document.getElementById('hiddenXML').innerHTML;
    </script>
  </xsl:if>

</body>

```

Header

Quick Search

Page Contents

Footer

# frameWork.Xsl



```
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  <!-- This is the Header -->
  <div id="pageHeader">
    <xsl:call-template name="buildHeader" />
  </div>

  <xsl:call-template name="quickSearchBar" />

  <!-- This is the main page content -->
  <div id="mainContent">
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      </h2>
    </noscript>

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    </xsl:call-template>
    <xsl:call-template name="buildContent" />
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<xsl:if test="$debugEnabled='true'">
  <div id="showXML">
    <span id="showXMLLink"><a href="#" onclick="xmlWin.show();">Show XML</a></span>
  </div>

  <div id="hiddenXML" style="visibility:hidden;display:none">
    <xsl:call-template name="showXML" />
  </div>

  <script type="text/javascript">
    xmlWin = new Window('xmlView', {className: "alphacube", title: "Xml View",
      xmlWin.getContent().innerHTML = document.getElementById('hiddenXML').innerHTML;
    </script>
</xsl:if>
</body>
```

frameWork.Xsl



```
<!-- ## Html Body Section of the Page ## -->
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    </div>

    <!-- This is the Footer -->
    <xsl:call-template name="buildFooter" />
  </div>

  <!-- ## this is a show XML feature for debugging purposes ## -->
  <!-- ## for now it will probably fail validation and W3CS ## -->
  <xsl:if test="$debugEnabled='true'">
    <div id="showXML">
      <span id="showXMLLink"><a href="#" onclick="xmlWin.show();">Show XML</a></span>
    </div>

    <div id="hiddenXML" style="visibility:hidden;display:none">
      <xsl:call-template name="showXML" />
    </div>

    <script type="text/javascript">
      xmlWin = new Window('xmlView', {className: "alphacube", title: "Xml View", url: "#", width: 400, height: 400});
      xmlWin.getContent().innerHTML = document.getElementById('hiddenXML').innerHTML;
    </script>
  </xsl:if>
</body>
```

## Main Navigation Bar

- [Search](#)
- [My Searches](#)
- [My List](#)
- [My Account](#)

New Search :   [Search History](#)

## Titles

Database:My Library Catalog

2596 results found

All Fields(medicine)

## Search Action Navigation

- 
- 

## Jumpbar Result Navigation

- [123](#)
- ...
- [260](#)
- [Next](#)

## Results action navigation bar



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2596 results

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## Search Action Navigation

- 
- 

## Jumpbar Result Navigation

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- ...
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## Results action navigation bar

-

# Add Style Sheets

- Used the same stylesheet names
- Started with frameWork.css
- Copied & pasted what I needed from Mel's
- Copied & pasted from design company
- Left out some style sheets (*e.g.* header.css)
- Added 2 major div elements
  - `<div id='sidebar'>`
  - `<div id='contentWrapper'>`

# WebVoyage Default

- pageContainer
  - pageHeader
  - mainContent
  - pageFooter

# pageContainer

pageHeader

mainContent

pageFooter





# Tarrant County College

- pageContainer
  - pageHeader
  - mainContent
    - sidebar
    - contentWrapper
- pageFooter

# pageContainer

pageHeader

mainContent

sidebar

contentWrapper

pageFooter



```
<!-- This is the Header -->
<div id="pageHeader">
  <xsl:call-template name="buildHeader" />
</div>
```

```
<!-- This is the main page content -->
<div id="mainContent">
  <a name="mainContent"></a> <!-- This will help screen readers skip the header -->

  <div id="sidebar">
    <div class="title">
      <a href="http://library.tccd.edu/vwebv/searchBasic">TCC Libraries</a>
    </div>
    <div class="section primarySection">
      <ul class="subnav">
        <li class="on"><a href="http://library.tccd.edu/vwebv/searchBasic">Find Books</a></li>
        <li><a href="http://lib-serv.tccd.edu/voyager/databases/subjects">Find Articles</a></li>
        <li><a href="http://lib-serv.tccd.edu/resources/">Additional Resources</a></li>
        <li><a href="http://lib-serv.tccd.edu/resources/tutorials/">Tutorials</a></li>
        <li>
          <a href="http://lib-serv.tccd.edu/comments/">Contact The Libraries</a>
          <ul>
            <li><a href="http://lib-serv.tccd.edu/comments/faq/">FAQ</a></li>
            <li><a href="http://lib-serv.tccd.edu/comments/ask_librarian">Ask A Librarian</a></li>
            <li><a href="http://lib-serv.tccd.edu/comments/ask_search">Ask A Librarian --<br />Asked & Answered</a></li>
            <li><a href="http://lib-serv.tccd.edu/comments/voyager_comments">Comments & Questions</a></li>
            <li><a href="http://lib-serv.tccd.edu/comments/voyager_login">Login Problems</a></li>
          </ul>
        </li>
        <li>
          <a href="http://lib-serv.tccd.edu/libraries/index">Campus Libraries</a>
          <ul>
            <li><a href="http://lib-serv.tccd.edu/libraries/northeast" title="J. Ardis Bell Library">Northeast Campus</a></li>
            <li><a href="http://lib-serv.tccd.edu/libraries/northwest" title="Walsh Library">Northwest Campus</a></li>
            <li><a href="http://lib-serv.tccd.edu/libraries/south" title="Jenkins Garrett Library">South Campus</a></li>
            <li><a href="http://lib-serv.tccd.edu/libraries/southeast" title="Southeast Library">Southeast Campus</a></li>
            <li><a href="http://lib-serv.tccd.edu/libraries/trinity" title="Trinity River Library">Trinity River Campus</a></li>
          </ul>
        </li>
        <li><a href="http://lib-serv.tccd.edu/media/">Media Services</a></li>
        <li><a href="http://lib-serv.tccd.edu/resources/remote.php">Area Libraries</a></li>
      </ul>
    </div>
  </div>
</div>
```

framework.xsl

```
<div id="contentWrapper"> <!-- jim -->

  <h1 id="pageHeadingTitle">
    <xsl:call-template name="buildPageHeading">
      <xsl:with-param name="nameId" select="'page.heading'"/>
    </xsl:call-template>
  </h1>

  <xsl:call-template name="quickSearchBar" />
```



Log in to your account  
Help

Scheduled maintenance on Library servers will be performed **Sunday, April 26 from 6:00am - 7:00am**. Library services may be unavailable at this time. Please plan your library usage needs accordingly.

## Tarrant County College Library Catalog

TCC Students, please answer a few quick questions about your library.

SEARCH

MY SEARCHES

MY LIST

MY ACCOUNT

END SESSION

### TCC Libraries

Find Books

Find Articles

Additional Resources

Tutorials

Contact The Libraries

FAQ

Ask A Librarian

Ask A Librarian --  
Asked & Answered

Comments & Questions

Login Problems

Campus Libraries

Northeast Campus

HOME > LIBRARIES > FIND BOOKS > SEARCH

 [Search History](#)

Basic **Advanced** Subject Author Course Reserve New Titles

Search:  within

Limit To:  Records per page:

Search

**Search Tips:** enter words relating to your topic, use quotes to search phrases: **"world wide web"**, use + to mark essential terms: **+explorer**, use \* to mark important terms: **\*Internet**, use ? to truncate: **browser?**

### Announcements

Our original look is still available through the end of the semester.



### New Titles

Becoming a master student / [Dave Ellis] : Doua Toft. contributing editor ;



<div id="sidebar">Sidebar code</div>

Start of contentWrapper

```
<div id="contentWrapper"> <!-- jim -->
```

quickSearchBar moved from under header

```
<h1 id="pageHeadingTitle">
  <xsl:call-template name="buildPageHeading">
    <xsl:with-param name="nameId" select="'page.heading'" />
  </xsl:call-template>
</h1>
<xsl:call-template name="quickSearchBar" />
<!-- ## Display blockCode errorCode etc messages ## -->
<xsl:call-template name="displayPageMessages" />
```

```
<noscript>
  <h2 class="accessibilityHeader">
    <xsl:for-each select="$Configs/pageConfigs/accessibilityHeader[@nameId='timeOutNoScript']">
      <xsl:value-of select="preText" /><xsl:value-of select="$timeout" /><xsl:value-of select="postText" />
    </xsl:for-each>
  </h2>
</noscript>
```

```
<xsl:call-template name="displayPageHtmlSnippet">
  <xsl:with-param name="position" select="'aboveContent'" />
</xsl:call-template>
<xsl:call-template name="buildContent" />
<xsl:call-template name="displayPageHtmlSnippet">
  <xsl:with-param name="position" select="'belowContent'" />
</xsl:call-template>
```

Search forms  
Search results  
Other content

```
</div><!-- jim -->
```

End of contentWrapper

```
<!-- This is the Footer -->
<xsl:call-template name="buildFooter" />
```

End of mainContent

```
</div>
```





Log in to your account  
Help

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Asked & Answered

Comments & Questions

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Campus Libraries

Northeast Campus

HOME > LIBRARIES > FIND BOOKS > SEARCH

Search History

Basic **Advanced** Subject Author Course Reserve New Titles

Search:  within

Limit To:  Records per page:

Search

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use quotes to search phrases: **"world wide web"**,  
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use ? to truncate: **browser?**

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END SESSION

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Find Books

Find Articles

Additional Resources

Tutorials

Contact The Libraries

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Ask A Librarian

Ask A Librarian --  
Asked & Answered

Comments & Questions

Login Problems

Campus Libraries

Northeast Campus

HOME > LIBRARIES > FIND BOOKS > TITLES



New Search :  Keyword Anywhere  [Search History](#)

2596 results found  
Keyword Anywhere(medicine)

**quickSearchBar**

1 2 3 ... 104

Select  Page  All Sort By: Relevance

- 1  **Corrosion of Medicine : Can the Profession Reclaim Its Moral Legacy?**  
Greyman, John, M.D./ Angell, Marcia (FRW)  
No call number  
no item information, Northeast Library Circulating Collection
- 2  **Medicine meets virtual reality 14 [electronic resource] : accelerating change in healthcare : next medical toolkit / edited by James D. Westwood ... [et al.].**  
**Medicine Meets Virtual Reality (14th : 2006)**  
2006  
List of Titles in the e-Book Collection

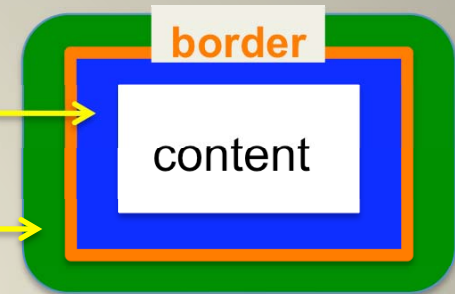
#### Filter Your Search:

[Add Filters](#)

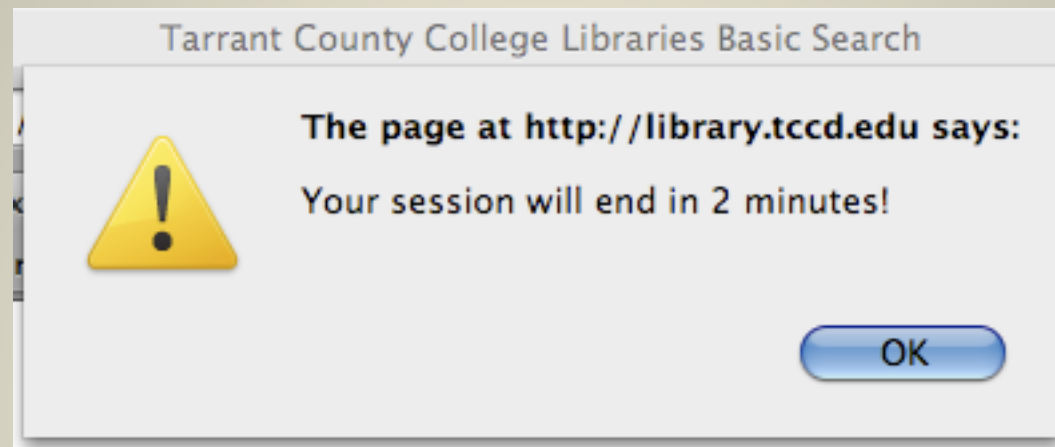
- + Book
- + Electronic Book
- + Library Northeast
- + Library Northeast + eBooks
- + Library Northwest

# CSS Tips

- **padding applies within a block**
- **margin applies outside a block**
- **display:none;** removes the block from the flow
- **visibility:hidden;** does not remove the block
- `<div style='display:inline;'>` = `<span>`
- `<span style='display:block;'>` = `<div>`

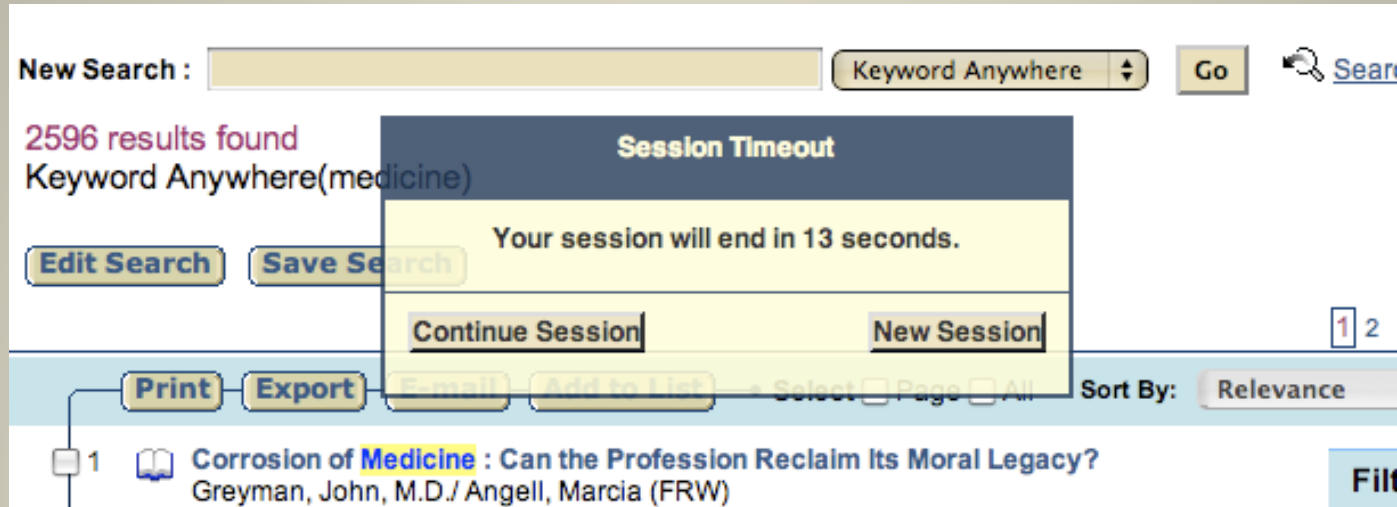


# Session timeout



- Takes over the browser
- Doesn't provide the user with options
- Pop-up blockers may block it
- Always tells the user there are 2 minutes left

# Session timeout



The screenshot shows a search engine interface with a search bar at the top containing the text "New Search :". To the right of the search bar is a dropdown menu set to "Keyword Anywhere" and a "Go" button. Below the search bar, it displays "2596 results found" and "Keyword Anywhere(medicine)". A "Session Timeout" pop-up window is centered on the screen, with a dark blue header and a yellow body. The message inside the pop-up reads "Your session will end in 13 seconds." and provides two options: "Continue Session" and "New Session". Below the pop-up, there are buttons for "Edit Search" and "Save Search". At the bottom of the search results, there are buttons for "Print", "Export", "E-mail", and "Add to List". The search results list includes the title "Corrosion of Medicine : Can the Profession Reclaim Its Moral Legacy?" by Greyman, John, M.D./ Angell, Marcia (FRW). The interface also shows a "Sort By: Relevance" dropdown and a "Filter" button.

- Does not take over the browser
- Provides the user with options
- Pop-up blockers will not block it
- Users can drag it and see through it
- Counts down the number of seconds left



# Session Timeout

1. <http://lib-serv.tccd.edu/code/webvoyage/>
2. Copy tcc\_timeout\_javascript.js to jscripsts/
3. Copy tcc\_timeout\_stylesheet.css to css/
4. Back up footer.xsl
5. Edit footer.xsl
6. Back up frameWork.xsl
7. Edit frameWork.xsl

# xsl/pageFacets/footer.xsl

...copyright notice...

```
</xsl:for-each>
<!-- ##### Timeout ##### -->
  <div id='tcc_timeout_container'>
    <div id='tcc_timeout_title'>Session Timeout</div>
    <div id='tcc_timeout_message'></div>
    <div id='tcc_timeout_page_refresh'>
      <script type='text/javascript'>
        document.write('<a href=' + window.location.href + '>Continue Session</a>');
      </script>
    </div>
    <div id='tcc_timeout_session_refresh'>
      <a href='/vwebv/exit.do'>New Session</a>
    </div>
  </div>
  <script type='text/javascript'>
    var dragBase = document.getElementById('tcc_timeout_container');
    var dragHandle = document.getElementById('tcc_timeout_title');
    tccDrag.init(dragBase, dragHandle, '400px', '250px');
  </script>
<!-- ##### Timeout ##### -->
</xsl:template>
```



# xsl/pageTools/frameWork.xsl

```
<script type="text/javascript">
  var msg;
  var timeOut;
  var seconds;
  function timedMsg(time, grace, txtMsg)
  {
    msg = txtMsg;
    timeOut = (time - grace) * 60000;
    seconds = grace * 60;
    //setTimeout("alert(msg)", timeOut);
    setTimeout("tcc_display_timeout(msg)",timeOut);
  }
</script>
```



# xsl/pageTools/frameWork.xsl

```
<script type="text/javascript" src="{ $jscript-loc }pageInputFocus.js"/>
```

```
<script type="text/javascript" src="{ $jscript-loc }tcc_timeout_javascript.js"/>
```

... more code here...

```
<xsl:copy-of select="$myCSS"/>
```

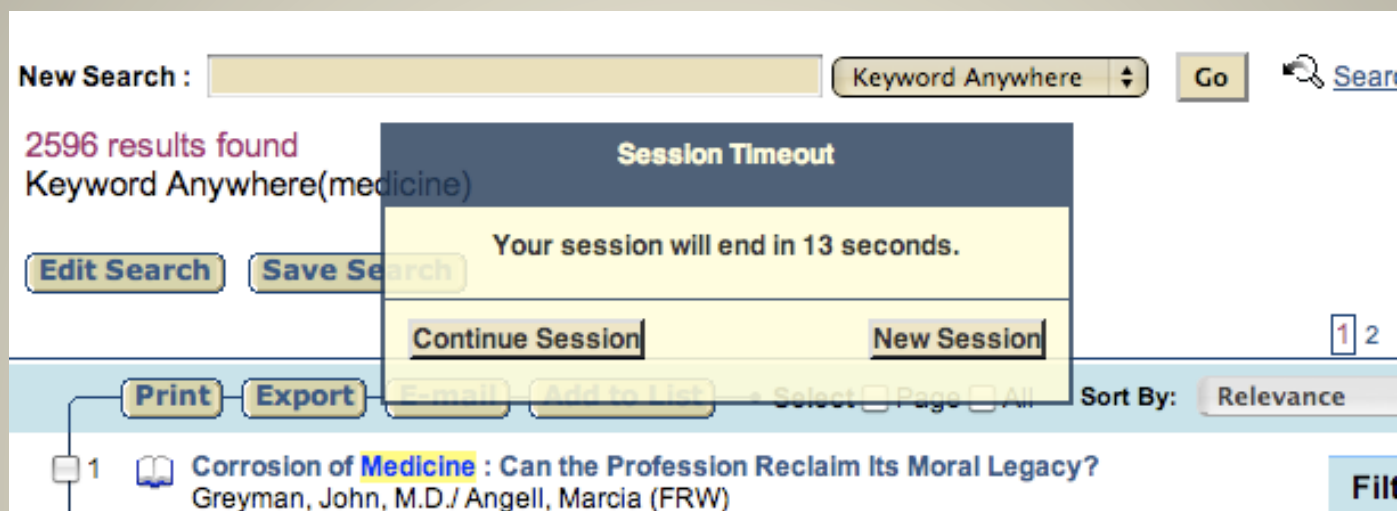
```
<style type="text/css" media="screen,print">
```

```
@import "<xsl:value-of select="$css-loc"/>tcc_timeout_stylesheet.css";
```

```
</style>
```

```
<xsl:text disable-output-escaping = "yes">&lt;!--[if IE]&gt;</xsl:text>
```

# Session timeout

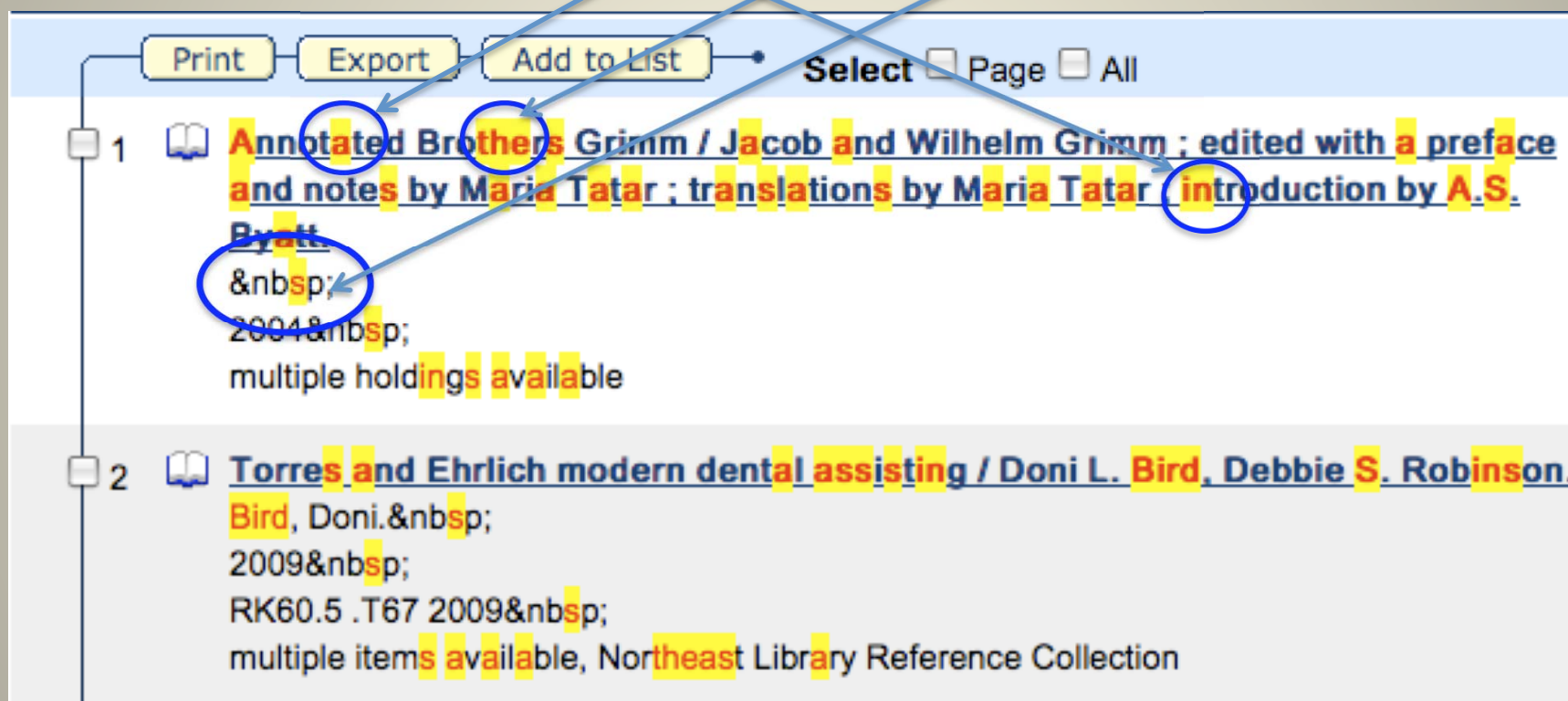


- Change colors and other style elements in `tcc_timeout_stylesheet.css`
- Change size in `footer.xsl`:  
`tccDrag.init(dragBase, dragHandle, '400px', '250px');`




# jscripts/highlight.js


A bird in the hand s



The screenshot shows a library catalog interface with a search results list. At the top, there are buttons for 'Print', 'Export', and 'Add to List', followed by a 'Select' dropdown menu with options for 'Page' and 'All'. The first search result is for the book 'Annotated Brothers Grimm / Jacob and Wilhelm Grimm ; edited with a preface and notes by Maria Tatar ; translations by Maria Tatar ; introduction by A.S. Byatt.' The text is highlighted in yellow, and several words are circled in blue: 'Annotated', 'Brothers', 'Jacob', 'and', 'a', 'preface', 'and notes', 'Maria Tatar', 'translations', 'Maria Tatar', 'introduction', 'A.S.', and '&nbsp;'. The second search result is for 'Torres and Ehrlich modern dental assisting / Doni L. Bird, Debbie S. Robinson.' The text is also highlighted in yellow. The interface includes a sidebar on the left with expandable sections for each result.


Print Export Add to List Select  Page  All


1  **Annotated Brothers Grimm / Jacob and Wilhelm Grimm ; edited with a preface and notes by Maria Tatar ; translations by Maria Tatar ; introduction by A.S. Byatt.**  
&nbsp;  
2004  
multiple holdings available

2  **Torres and Ehrlich modern dental assisting / Doni L. Bird, Debbie S. Robinson.**  
**Bird, Doni.**  
2009  
RK60.5 .T67 2009  
multiple items available, Northeast Library Reference Collection

# jscripts/highlight.js

A bird in the hand s

1  **Annotated Brothers Grimm / Jacob and Wilhelm Grimm ; edited with a preface and notes by Maria Tatar ; translations by Maria Tatar ; introduction by A.S. Byatt.**  
2004  
multiple holdings available

2  **Torres and Ehrlich modern dental assisting / Doni L. Bird, Debbie S. Robinson.**  
**Bird, Doni.**  
2009  
RK60.5 .T67 2009  
multiple items available, Northeast Library Reference Collection

- ✓ Highlights within quotation marks.
- ✓ Only highlights words surrounded by spaces or plural.
- ✓ Highlights words over 1 character in length.
- ✓ Will not highlight words in the stop\_words array.



# jscripts/highlight.js

1. <http://lib-serv.tccd.edu/code/webvoyage/highlight>
2. Back up highlight.js
3. Drop in the new highlight.js

- Compares search terms to a list of words we do not want highlighted.
- Each word must be contained in single quotes
- Put commas between words only

```
var stop_words = new Array
```

```
('is','to','the','for','in','and','with','from');
```

## Opposing viewpoints in social issues /

**Title:** Opposing viewpoints in social issues / William Dudley, book editor.

**Other Author(s):** Dudley, William, 1964-

**Publisher:** San Diego, Calif. : Greenhaven Press, c2000.

**ISBN:** 0737701226 (pbk. : alk. paper)  
0737701234 (lib. bdg. : alk. paper)

**Description:** 360 p. ; 23 cm.

**Format:** Book

**Contents:** Why consider opposing viewpoints?  
Can gun control laws prevent violence?  
The prevalence of guns contributes to violent crime / Richard Harwood  
The prevalence of guns does not contribute to violent crime / Daniel D. Polsby  
Allowing people to carry concealed handguns reduces violent crime / Jeffrey R. Snyder  
Allowing people to carry concealed handguns will increase violent crime / Douglas Weil, Bill Kolender  
Guns should be banned from schools / Jay Nixon  
Adults should be permitted to carry guns in schools / John R. Lott Jr.  
Is abortion justifiable?  
Abortion is murder / Benjamin J. Stein  
Abortion is not murder / Paul Savoy  
Rape justifies abortion / Barbara Hernandez  
Rape does not justify abortion / American Life League  
Having an abortion can be harmful to a woman's health / David C. Reardon  
The harms of having an abortion have been exaggerated / Sharon Lerner  
Is affirmative action necessary?  
Affirmative action counters discrimination / Hilary O. Shelton  
Affirmative action is an ineffective remedy for discrimination / John O'Sullivan  
Racial preferences in higher education are necessary / Nathan Glazer  
Racial preferences in higher education must be abolished / Carl Cohen  
Women need affirmative action programs to fight discrimination / Judy L. Lichtman, Jocelyn C. Frye, Helen Norton  
Women do not need affirmative action programs / Susan Au Allen  
Is alcohol beneficial for human health?  
Moderate alcohol consumption reduces the risk of heart disease / Wine Institute  
Alcohol should not be touted as a heart disease preventative / Michael H. Criqui  
The health benefits of moderate drinking should be promoted / Stanton Peele  
The health benefits of moderate drinking should not be promoted / Robert Zimmerman  
Pregnant women should abstain from alcohol to prevent birth defects / March of Dimes  
The harms of moderate drinking during pregnancy have been overstated / Ernest L. Abel  
Is the death penalty a just and effective punishment?  
The death penalty is moral / Robert James Bidinotto  
The death penalty is immoral / Helen Prejean







The death penalty is immoral / Helen Prejean  
The death penalty deters capital crimes / George Pataki  
The death penalty does not deter capital crimes / Hugo Adam Bedau  
The death penalty discriminates against African Americans / Jesse Jackson  
The death penalty does not discriminate against African Americans / David Andrew Price  
Should assisted suicide be legal?  
Physician-assisted suicide should be legalized / Faye Girsh  
Physician-assisted suicide should not be legalized / Ezekiel Emanuel  
Assisted suicide can be a compassionate response to the dying / Arthur Rifkin  
Assisted Ssuicide is an immoral response to the dying / Charles J. Chaput  
Legalizing assisted suicide may become necessary to cut health care costs / Derek Humphry, Mary Clement  
Cutting health care costs cannot justify legalizing assisted suicide / Evan J. Kemp Jr.  
Should limits be placed on genetic engineering?  
Genetic engineering of humans should be permitted / James D. Watson  
Genetic engineering of humans should not be permitted / David King  
Human cloning should be banned / John F. Kilner  
Human cloning should not be banned / John A. Robertson  
Restrictions should be placed on the genetic engineering of food / John B. Fagan  
Restrictions should not be placed on the genetic engineering of food / Dennis Avery  
What should govern public health policies on smoking?  
Public health policy should emphasize corporate responsibility / Joseph L. Andrews Jr.  
Public health policy should emphasize individual responsibility / John E. Calfee  
The threat of secondhand smoke justifies smoking restrictions / John R. Garrison  
The threat of secondhand smoke has been overstated / Jacob Sullum  
Smoking should be treated as nicotine addiction / Tamar Nordenberg  
Smoking is not a simple matter of nicotine addiction / Richard J. DeGrandpre.

**Series:** Opposing viewpoints series  
**Subjects:** Social problems.  
**Summary:** Includes bibliographical references (p. 338-347) and index.

#### Holdings Information

<b>Location:</b>	Northeast Library Circulating Collection
<b>Call Number:</b>	HN59.2 .S624 2000
<b>Number of Items:</b>	1
<b>Status:</b>	c.1 Charged - Due on 05-09-2009
<b>Location:</b>	Northwest Library Circulating Collection
<b>Call Number:</b>	HN59.2 .S624 2000
<b>Number of Items:</b>	1
<b>Status:</b>	Available



## Opposing viewpoints in social issues /



**Title:** Opposing viewpoints in social issues / William Dudley, book editor.  
**Other Author(s):** Dudley, William, 1964-  
**Publisher:** San Diego, Calif. : Greenhaven Press, c2000.  
**ISBN:** 0737701226 (pbk. : alk. paper)  
0737701234 (lib. bdg. : alk. paper)  
**Description:** 360 p. ; 23 cm.  
**Format:** Book  
**Contents:**  
**Series:** Opposing viewpoints series  
**Subjects:** Social problems.  
**Summary:** Includes bibliographical references (p. 338-347) and index.

### Holdings Information

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<b>Call Number:</b>	HN59.2 .S624 2000
<b>Number of Items:</b>	1
<b>Status:</b>	c.1 Charged - Due on 05-09-2009
<b>Location:</b>	Northwest Library Circulating Collection
<b>Call Number:</b>	HN59.2 .S624 2000
<b>Number of Items:</b>	1
<b>Status:</b>	Available
<b>Location:</b>	Southeast Library Circulating Collection
<b>Call Number:</b>	HN59.2 .S624 2000
<b>Number of Items:</b>	1
<b>Status:</b>	Available

# css/displayCommon.css



[http://exlibrisgroup.org/display/Voyager/WebVoyage+7+\(Tomcat\)+Toggle+Record+Display+Fields](http://exlibrisgroup.org/display/Voyager/WebVoyage+7+(Tomcat)+Toggle+Record+Display+Fields)

Back up displayCommon.css

At the end of displayCommon.css, add:

```
.fieldLabelSpan { cursor:pointer; }
```



# jscripts/highLight.js

Back up highLight.js (any JavaScript file loaded by holdingsInfo)

At the end of highLight.js, add:

```
function tcc_toggle(elementName) {  
    if(document.getElementById && document.getElementById(elementName)) {  
        if(document.getElementById(elementName).style.display == 'none') {  
            document.getElementById(elementName).style.display = 'block';  
        } else {  
            document.getElementById(elementName).style.display = 'none';  
        }  
    }  
}
```

# xsl/contentLayout/display/display.xsl

```
<xsl:when test="string-length($displayData)">
  <div class="fieldLabel">
    <span class="fieldLabelSpan">
      <xsl:choose>
        <xsl:when test="string-length(@label)">
          <a>
            <xsl:attribute name="onclick">
              tcc_toggle('<xsl:value-of select="@label"/>');
            </xsl:attribute>
            <xsl:attribute name='title'>
              Hide or Show <xsl:value-of select="@label"/>
            </xsl:attribute>
            <xsl:value-of select="@label"/>
          </a>
        </xsl:when>
      </xsl:choose>
    </span>
  </div>
</xsl:when>
(continued on next slide...)
```

# xsl/contentLayout/display/display.xsl

(...continued from last slide)

```
<xsl:otherwise>
```

```
</xsl:otherwise>
```

```
</xsl:choose>
```

```
</span>
```

```
</div>
```

```
<div class="fieldData" >
```

```
  <xsl:attribute name="id">
```

```
    <xsl:value-of select="@label"/>
```

```
  </xsl:attribute>
```

```
  <xsl:copy-of select="$displayData"/>
```

```
</div>
```

```
</xsl:when>
```





```
<li class="bibTag">
  <div class="fieldLabel">
    <span class="fieldLabelSpan">Title:</span>
  </div>
  <div class="fieldData">
    <span class="subfieldData">
      Opposing viewpoints in social issues / William Dudley, book editor.<br>
    </span>
  </div>
</li>
```

**HTML Source Before**



```
<li class="bibTag">
  <div class="fieldLabel">
    <span class="fieldLabelSpan">
      <a onclick="tcc_toggle('Title:');" title="Hide or Show Title:">
        Title:
      </a>
    </span>
  </div>
  <div class="fieldData" id="Title:">
    <span class="subfieldData">
      Opposing viewpoints in social issues / William Dudley, book editor.<br>
    </span>
  </div>
</li>
```

**HTML Source After**

```
<li class="bibTag">
  <div class="fieldLabel">
    <span class="fieldLabelSpan">
      <a onclick="tcc_toggle('Title:');" title="Hide or Show Title:">
        Title:
      </a>
    </span>
  </div>
  <div class="fieldData" id="Title:">
    <span class="subfieldData">
      Opposing viewpoints in social issues / William Dudley, book editor.<br>
    </span>
  </div>
</li>
```

**HTML Source After**

## Opposing viewpoints in social issues /



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<b>Number of Items:</b>	1
<b>Status:</b>	c.1 Charged - Due on 05-09-2009
<b>Location:</b>	Northwest Library Circulating Collection
<b>Call Number:</b>	HN59.2 .S624 2000
<b>Number of Items:</b>	1
<b>Status:</b>	Available
<b>Location:</b>	Southeast Library Circulating Collection
<b>Call Number:</b>	HN59.2 .S624 2000
<b>Number of Items:</b>	1
<b>Status:</b>	Available



# Breadcrumb Links



Log in to your account  
Help

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**Tarrant County College Library Catalog**  
TCC Students, please answer a few quick questions about your library.

SEARCH

MY SEARCHES

MY LIST

MY ACCOUNT

END SESSION

TCC Libraries

HOME > LIBRARIES > FIND BOOKS > SEARCH

Search History

Find Books

Find Articles

Additional Resources

Tutorials

Contact The Libraries

FAQ

Ask A Librarian

Ask A Librarian --  
Asked & Answered

Comments & Questions

Login Problems

Campus Libraries

Northeast Campus

Basic **Advanced** Subject Author Course Reserve New Titles

Search:  within

Limit To:  Records per page:

Search

**Search Tips:** enter words relating to your topic, use quotes to search phrases: **"world wide web"**, use + to mark essential terms: **+explorer**, use \* to mark important terms: **\*Internet**, use ? to truncate: **browser?**

Announcements

Our original look is still available through the end of the semester.

New Titles

Becoming a master student / [Dave Ellis] : Doua Toft, contributing editor :





Search

My Searches

My List

My Account

 [Help](#)

## Basic Search

Database: My Library Catalog

Basic

Advanced

Subject

Author

Course Reserve

 [Search History](#)

Search:

within

All Fields

Limit To:

All Material

Records per page:

10 records per page

Search

**Search Tips:** enter words relating to your topic, use quotes to search phrases: **"world wide web"**, use + to mark essential terms: **+explorer**, use \* to mark important terms: **\*internet**, use ? to truncate: **browser?**

Search

My Searches

My List

My Account

Help

[Your Library Name Here](#)



# webvoyage.properties

page.search.basic.title=WebVoyage Basic Search

page.search.basic.heading=Basic Search

page.search.basic.title=TCC Libraries Basic Search

page.search.basic.heading=

[Home](#) > [Libraries](#) > [Find Books](#) > [Search](#)

## TCC Libraries

HOME > LIBRARIES > FIND BOOKS > SEARCH

Find Books

Basic

Advanced

Subject

Author

Course Reserve

New Titles

Find Articles

Internet Resources

Search:

within

Title Begins Wit

Inspect Edit body.frameWorkUI < html

Console HTML CSS Script DOM Net

Options

```
<html lang="en_US" xmlns:page="http://www.exlibrisgroup.com/voyager/webvoyage/page" xmlns:fo="http://www.w3.org/1999/XSL/Format">
```

```
<head>
```

```
<div id="_firebugConsole" style="display: none;" FirebugVersion="1.3.3"/>
```

```
<body class="frameWorkUI" onload="setFocus('page.searchBasic');timedMsg(15, 2, 'Your session will end in less than 2 minutes!');">
```

```
<div id="pageContainer">
```

```
<a href="#mainContent" accesskey="1"/>
```

```
<a href="#searchnavbar" accesskey="2"/>
```

```
<a href="#mainNav" accesskey="3"/>
```

```
<div id="pageHeader">
```

```
<div id="mainContent">
```

```
<a name="mainContent"/>
```

```
<div id="sidebar">
```

```
<div id="contentWrapper">
```

```
<h1 id="pageHeadingTitle">Home > Libraries > Find Books > Search</h1>
```

```
<noscript><h2 class="accessibilityHeader">Notice: This web application times
```

```
out 15 minutes after loading a page and no scripts</noscript>
```

```
<div id="databaseInfo" title="Currently Connected Database(s).">
```



# pageInputFocus.js

```
function createBreadCrumbs() {
    var oPath = new String(window.location.pathname);
    if(oPath.indexOf("vwebv/search") > 0 || oPath.indexOf("vwebv/enterCourse") > 0 ||
        oPath.indexOf("vwebv/my") > 0 || oPath.indexOf("vwebv/holdings") > 0) {

        if(document.getElementById && document.getElementById("pageHeadingTitle")) {
            var sPageHeadingTitle = document.getElementById("pageHeadingTitle").innerHTML;
            var oString = new String(sPageHeadingTitle);

            oString = oString.replace("Home", "<a href='http://www.tccd.edu'>Home</a>");
            oString = oString.replace("Libraries", "<a href='http://library.tccd.edu'>Libraries</a>");
            oString = oString.replace("Find Books", "<a href='/vwebv/searchBasic'>Find Books</a>");

            document.getElementById("pageHeadingTitle").innerHTML = oString.valueOf();
        }
    }
}
```



# frameWork.xls

```
<body class="frameWorkUI" onLoad="
setFocus('{/page:page/@nameId}')
{$highlightNodes};
timedMsg({$timeout}, {$grace}, '{$timeoutMessage}');
createBreadCrumbs();">
```



## TCC Libraries

[HOME](#) > [LIBRARIES](#) > [FIND BOOKS](#) > [SEARCH](#)

Find Books

Basic

Advanced

Subject

Author

Course Reserve

New Titles

Find Articles

Internet Resources

Search:

within

Title Begins Wit

Inspect Edit body.frameWorkUI < html

Console HTML CSS Script DOM Net

Options

```
<html lang="en_US" xmlns:page="http://www.exlibrisgroup.com/voyager/webvoyage/page" xmlns:fo="http://www.w3.org/1999/XSL/Format">
```

```
  <head>
```

```
    <div id="_firebugConsole" style="display: none;" FirebugVersion="1.3.3"/>
```

```
  <body class="frameWorkUI" onload="setFocus('page.searchBasic');timedMsg(15, 2, 'Your session will end in less than 2 minutes!');createBreadCrumbs();">
```

```
    <div id="pageContainer">
```

```
      <a href="#mainContent" accesskey="1"/>
```

```
      <a href="#searchnavbar" accesskey="2"/>
```

```
      <a href="#mainNav" accesskey="3"/>
```

```
    <div id="pageHeader">
```

```
    <div id="mainContent">
```

```
      <a name="mainContent" />
```

```
      <div id="sidebar">
```

```
        <div id="contentWrapper">
```

```
          <h1 id="pageHeadingTitle">
```

```
            <a href="http://www.tccd.edu">Home </a>
```

```
          >
```

```
            <a href="http://library.tccd.edu">Libraries </a>
```

```
          >
```

```
            <a href="http://library.tccd.edu/vwebv/searchBasic">Find Books </a>
```

```
          > Search
```

```
        </div>
```

```
      </div>
```

```
    </div>
```

```
  </body>
```

```
</html>
```

```
<noscript> <h2 class="pageHeader">Notice: This web application times out 15 minutes after loading a page.</h2> </noscript>
```



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Basic

Advanced

Subject

Author

Course Reserve

New Titles

Search:  within

Limit To:

Records per page:

Search

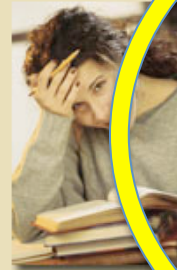
**Search Tips:** enter words relating to your topic, use quotes to search phrases: **"world wide web"**, use + to mark essential terms: **+explorer**, use \* to mark important terms: **\*internet**, use ? to truncate: **browser?**

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Pottery on the wheel / Elsbeth S. Woody ; photographs by Steven Smolker.

Grandpa, is everything black bad? / story by Sandy Lynne Holman ; illustrated by Lela Kometiani.

Godfather [videorecording] : the Coppola restoration / Paramount Pictures presents ; screenplay by Mario Puzo and Francis Ford Coppola ; produced by Albert S. Ruddy ; directed by Francis Ford Coppola.



```
*****
# Configuration - Stuff you can change relatively safely
*****
# Change this to your WebVoyage domain. Ours is library.tccd.edu
my $library_domain = "your.library.domain";

# The maximum number of books that should appear in your feed
my $total_number_of_books_to_retrieve = 8;

# The number of books to appear per location
my $total_number_of_books_per_location = 2;

# The number of weeks to dig back until we reach the maximum number of books.
my $total_number_of_weeks_in_new_books = 4;

# Name and description of your RSS feed
my $feed_title = "Your Library Name New Books";
my $feed_description = "Select new titles available at your library.";

# An image you can use in your RSS feed
# This image isn't used for embedding in search page, but can be used for other R
# Example my $logo_image_url = "http://path_to_your_institution_logo";
# Example my $logo_image_title = "Your Logo Title";
my $logo_image_url = "";
my $logo_image_title = "Your Logo Title";

# These are locations names that appear in your newBooks.txt file
# Enter locations exactly as they appear in newBooks.txt
# Do not change the zero (0).
my %locations = (
    "Location Number 1"=>0,
    "Location Number 2"=>0,
    "Location Number 3"=>0,
    "Location Number 4"=>0,
);

# You shouldn't have to change these if you have the default installation
my $holdingsInfo_url = "http://$library_domain/vwebv/holdingsInfo?bibId=";
my $newBooks_url = "http://$library_domain/vwebv/newBooks.cgi?sk=en_US";
my $feed_url = "http://$library_domain/vwebv/new_books.cgi";
my $file = "../../newbooks/newBooks.txt";
*****
# Configuration - Stuff you can change relatively safely
*****
```

<http://exlibrisgroup.org/display/Voyager/New+Books+RSS+Feed+Embedded+in+Search+Page>

# new\_books\_mini.cgi in Firefox

## Tarrant County College Libraries New Books

Random new titles available at TCC libraries.

[Evolutionists : American thinkers confront Charles Darwin, 1860-1920 / J. David Hoeveler.](#)

Mon, Apr 27, 2009 4:00 AM

Northeast Library Circulating Collection



[Following the rhythms of life : the ceramic art of David Shaner / edited by Peter Held ; essays by Jack Troy, Peter Held ; with contributors Conan Putnam, Hollis Walker.](#)

Mon, Apr 27, 2009 4:00 AM

Northwest Library Circulating Collection

[Grandpa, is everything black bad? / story by Sandy Lynne Holman ; illustrated by Lela Kometiani.](#)

Mon, Apr 27, 2009 4:00 AM

South Library Circulating Collection

[New tech, new ties : how mobile communication is reshaping social cohesion / Rich Ling.](#)

Mon, Apr 27, 2009 4:00 AM

Southeast Library Circulating Collection



```
<?xml version='1.0'?>
<rss version='2.0' xmlns:atom='http://www.w3.org/2005/Atom'>
  <channel>
    <title>Tarrant County College Libraries New Books</title>
    <link>http://library.tccd.edu/vwebv/newBooks.cgi?sk=en_US</link>
    <description>Random new titles available at TCC libraries.</description>
    <language>en-us</language>
    <atom:link href='http://library.tccd.edu/vwebv/new_books.cgi' rel='self' type='application/rss+xml' />

    <image>
      <url>http://library.tccd.edu/vwebv/ui/tcc_images/tcc_logo_2008.jpg</url>
      <title>Tarrant County College District Logo</title>
      <link>http://library.tccd.edu/vwebv/newBooks.cgi?sk=en_US</link>
    </image>

    <item>
      <title>Evolutionists : American thinkers confront Charles Darwin, 1860-1920 / J. David Hoeveler. </tit
      <description>Northeast Library Circulating Collection</description>
      <pubDate>Mon, 27 Apr 2009 03:00:00 -0006</pubDate>
      <guid>http://library.tccd.edu/vwebv/holdingsInfo?bibId=321893</guid>
      <link>http://library.tccd.edu/vwebv/holdingsInfo?bibId=321893</link>
    </item>
    <item>
      <title>Following the rhythms of life : the ceramic art of David Shaner / edited by Peter Held ; essa
      <description>Northwest Library Circulating Collection</description>
      <pubDate>Mon, 27 Apr 2009 03:00:00 -0006</pubDate>
      <guid>http://library.tccd.edu/vwebv/holdingsInfo?bibId=358445</guid>
      <link>http://library.tccd.edu/vwebv/holdingsInfo?bibId=358445</link>
    </item>
    <item>
      <title>Grandpa, is everything black bad? / story by Sandy Lynne Holman ; illustrated by Lela Kometia
      <description>South Library Circulating Collection</description>
      <pubDate>Mon, 27 Apr 2009 03:00:00 -0006</pubDate>
      <guid>http://library.tccd.edu/vwebv/holdingsInfo?bibId=337093</guid>
      <link>http://library.tccd.edu/vwebv/holdingsInfo?bibId=337093</link>
    </item>
    <item>
      <title>New tech, new ties : how mobile communication is reshaping social cohesion / Rich Ling. </tit
      <description>Southeast Library Circulating Collection</description>
      <pubDate>Mon, 27 Apr 2009 03:00:00 -0006</pubDate>
      <guid>http://library.tccd.edu/vwebv/holdingsInfo?bibId=363156</guid>
      <link>http://library.tccd.edu/vwebv/holdingsInfo?bibId=363156</link>
    </item>
  </channel>
</rss>
```



# xsl/pageTools/tools.xsl



```
<xsl:variable name="lowercase" select="'abcdefghijklmnopqrstuvwxyz'" />
<xsl:variable name="uppercase" select="'ABCDEFGHIJKLMNOPQRSTUVWXYZ'" />
<xsl:variable name="NewBooks"
  select="document('http://your.library.domain/vwebv/new_books_mini.cgi')"/>
<xsl:variable name="new_books" select="$NewBooks/rss/channel"/>
```

# xsl/pageTools/tools.xsl



```
<xsl:if test="$Configs/pageConfigs/pageHTML/page\[@name=$pageNameId\]\[@position=$position\]">
  <div class="pageHTMLSnippet">
    <xsl:copy-of select="$Configs/pageConfigs/pageHTML/page\[@name=$pageNameId\]\[@position=
      $position\]/node()"/>
  </div>
  <xsl:if test="$pageNameId='page.searchBasic'">
    <div id="new_books">
      <ul>
        <xsl:for-each select="$new_books/item">
          <li>
            <xsl:attribute name="class"><xsl:value-of select="description"/></xsl:attribute>
            <a>
              <xsl:attribute name="href"><xsl:value-of select="link"/></xsl:attribute>
              <xsl:attribute name="title"><xsl:value-of select="description"/></xsl:attribute>
              <xsl:value-of select="title"/>
            </a>
          </li>
        </xsl:for-each>
      </ul>
    </div>
  </xsl:if>
</xsl:if>
```



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Northwest Campus

South Campus

Southeast Campus

Trinity River Campus

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Area Libraries

HOME > LIBRARIES > FIND BOOKS > SEARCH

Search History

Basic

Advanced

Subject

Author

Course Reserve

New Titles

Search:  within

Limit To:

Records per page:

Search

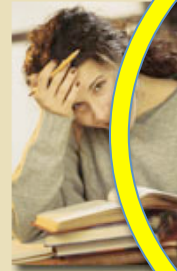
**Search Tips:** enter words relating to your topic, use quotes to search phrases: **"world wide web"**, use + to mark essential terms: **+explorer**, use \* to mark important terms: **\*internet**, use ? to truncate: **browser?**

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# Numbered Search Results

First page of results, 25 results per page

- 1  **Corrosion of [Medicine](#) : Can the Profession Reclaim Its Moral Legacy?**  
Greyman, John, M.D./ Angell, Marcia (FRW)  
No call number  
no item information, Northeast Library Circulating Collection
- 2  **[Medicine](#) meets virtual reality 14 [electronic resource] : accelerating change in healthcare : next medical toolkit / edited by James D. Westwood ... [et al.].**  
[Medicine](#) Meets Virtual Reality (14th : 2006)  
2006  
List of Titles in the ebrary E-Book Collection  
no item information, Electronic Resource
- 3  **Handbook of social studies in health and [medicine](#) [electronic resource] / edited by Gary L. Albrecht, Ray Fitzpatrick, and Susan C. Scrimshaw.**  
2003  
List of Titles in the ebrary E-Book Collection  
no item information, Electronic Resource



# Numbered Search Results

Second page of results, 25 results per page

- 26  **Frontiers of science and medicine / edited by Rick J. Carlson.**  
1976  
R723 .F76 1976  
 available, South Library Circulating Collection
- 27  **Medicine among the American Indians / Eric Stone.**  
Stone, Eric, 1892-1932.  
1962  
E98.M4 S8 1962  
 available, South Library Circulating Collection
- 28  **Surgical techniques of the shoulder, elbow, and knee in sports medicine / edited by Brian J. Cole, Jon K. Sekiya ; associate editors, Andreas H. Gomoll, Jeffrey Rihn.**  
Cole, Brian J. (EDT)/ Sekiya, Jon K., M.D. (EDT)  
2008  
No call number  
no item information, Northeast Library Reference Collection



# xsl/pageFacets/resultsFacets.xsl

```
<!-- ## result record ## -->
<div class="{ $classPosition }">
  <xsl:if test="$buttonCount > 0">
    <!-- ## checkbox ## -->
    <div class="resultListCheckBox">
      <input type="checkbox" name="titles" value="{page:value}" id="{page:value}"
        onClick="selectTitleChkBx(document.getElementById('resultsForm'))">
      <xsl:if test="@selected='true'">
        <xsl:attribute name="checked">checked</xsl:attribute>
      </xsl:if>
    </input>
    <xsl:if test="string-length(//page:element[@nameId='recPointer']/page:value)">
      <xsl:value-of select="position() + //page:element[@nameId='recPointer']"/>
    </xsl:if>
    </div>
  </xsl:if>
  <xsl:variable name="checkBoxId">
    <xsl:value-of select="page:value"/>
  </xsl:variable>
```



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HOME > LIBRARIES > FIND BOOKS > TITLES

New Search :  Keyword Anywhere  [Search History](#)

2596 results found  
Keyword Anywhere(medicine)

1 2 3 ... 104

Select  Page  All Sort By: Relevance

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Greyman, John, M.D./ Angell, Marcia (FRW)  
No call number  
no item information, Northeast Library Circulating Collection

2 **Medicine meets virtual reality 14 [electronic resource] : accelerating change in healthcare : next medical toolkit / edited by James D. Westwood ... [et al].**  
**Medicine Meets Virtual Reality (14th : 2006)**  
2006  
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no item information, Electronic Resource

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2003  
List of Titles in the ebrary E-Book Collection  
no item information, Electronic Resource

4 **Current review of Chinese medicine [electronic resource] : quality control of herbs and herbal materials / chief editor, Ping-Chung Leung ; editors, Harry Fong, Charlie Changli Xue.**  
2006  
List of Titles in the ebrary E-Book Collection  
no item information, Electronic Resource

#### Filter Your Search:

[Add Filters](#)

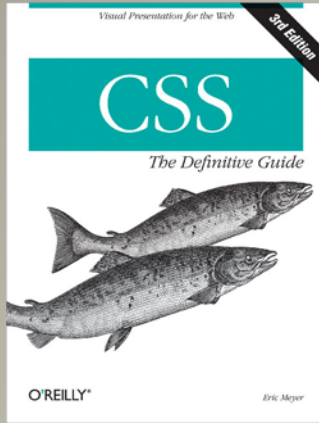
- + Book
- + Electronic Book
- + Library Northeast
- + Library Northeast + eBooks
- + Library Northwest
- + Library Northwest + eBooks
- + Library South
- + Library South + eBooks
- + Library Southeast
- + Library Southeast + eBooks
- + Media All Campuses
- + Media Northeast
- + Media Northwest
- + Media South
- + Media Southeast
- + Videorecording

```

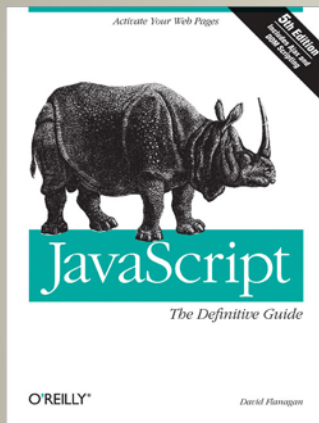
<xsl:template name="quickSearchBar">
  <xsl:for-each select="/page:page/page:searchQuick">
    <div id="quickSearchBar" title="{headerText/quickSearchBar}">
      <form action="{page:element[@nameId='page.searchQuick.go.button']/page:buttonAction}" method="get">
        <span id="quickSearchArg" title="{/page:page//page:element[@nameId='searchArg']/page:label}">
          <xsl:call-template name="buildFormInput">
            <xsl:with-param name="eleName" select="'searchArg'"/>
            <xsl:with-param name="size" select="'36'"/>
          </xsl:call-template>
        </span>
        <span id="quickSearchCode">
          <select id="qs_searchCode" name="searchCode" size="1">
            <option value="GKEY^*">Keyword Anywhere</option>
            <option value="TALL" >Title Begins With</option>
            <option value="TKEY^" >Title Contains</option>
            <option value="CALL+" >Call Number Browse</option>
            <option value="JALL" >Journal Title</option>
            <option value="0080" >Publication Year</option>
            <option value="AUTH+" >Author/Title Browse</option>
          </select>
        </span>
        <span id="searchButton" title="{//page:element[@nameId='page.searchQuick.go.button']/page:buttonMessage}">
          <input type="submit"
            alt="{//page:element[@nameId='page.searchQuick.go.button']/page:buttonMessage}"
            value="{//page:element[@nameId='page.searchQuick.go.button']/page:buttonText}"
            id="quickSearchButton"/>
        </span>
        <span id="searchHistory" title="{//page:element[@nameId='page.searchQuick.searchHistory.link']/page:linkText}">
          <span id="searchHistoryIcon">&#160;</span>
          <xsl:call-template name="buildLinkType">
            <xsl:with-param name="eleName" select="'page.searchQuick.searchHistory.link'"/>
          </xsl:call-template>
        </span>
        <!--<input type="hidden" name="searchCode" value="{page:element[@nameId='searchCode']/page:label}"/>-->
        <input type="hidden" name="searchType" value="{page:element[@nameId='searchType']/page:label}"/>
        <input type="hidden" name="recCount" value="{page:element[@nameId='recCount']/page:label}"/>
      </form>
    </div>
  </xsl:for-each>
</xsl:template>

```

*xsl/pageFacets/header.xsl*



CSS: The Definitive Guide, Third Edition  
By Eric A. Meyer  
November 2006



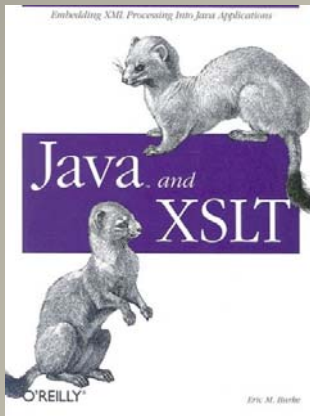
JavaScript: The Definitive Guide, Fifth Edition  
By David Flanagan  
August 2006



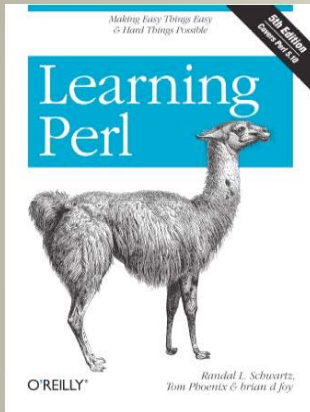
JavaScript: The Complete Reference, Second Edition  
By Thomas Powell & Fritz Schneider  
August 2004

Download all code and instructions from  
<http://lib-serv.tccd.edu/code/>

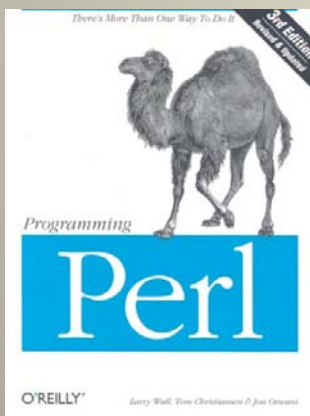




Java and XSLT  
By Eric M. Burke  
September 2001



Learning Perl, Fifth Edition  
By Randal L. Schwartz, Tom Phoenix, brian d foy  
July 2008



Programming Perl, Third Edition  
By Larry Wall, Tom Christiansen & Jon Orwant  
July 2000

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# Bonus Tip: Sorting Filters

- In `xsl/contentLayout/cl_resultsTitles.xsl`

```
<xsl:variable name="filtersOFF">
  <xsl:for-each select="page:element[@nameId='page.searchResults.filtersBlock.filters.link']">
    <xsl:sort select="page:linkText"/> <!-- sort filters alphabetically by link text -->
    <li><a href="{page:URL}">add filter: <xsl:value-of select="page:linkText"/></a></li>
  </xsl:for-each>
</xsl:variable>
```

[http://exlibrisgroup.org/display/Voyager/WebVoyage+7+\(Tomcat\)+Sorting+Filters+in+Search+Results](http://exlibrisgroup.org/display/Voyager/WebVoyage+7+(Tomcat)+Sorting+Filters+in+Search+Results)

## Thank You!

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