



## Web Site Email Address Security

Spam is rising at alarming rates. Everyone asks why? The answer is complex but there are ways to reduce the level of spam. Email addresses on web sites can be critical if not encoded properly.

The bad guys "harvest" email addresses from web sites to use when sending spam. To prevent this, email addresses should be encrypted within the web site html code. Here is an example from a K-12 web site that has no email address encryption within the html code.

Search for a staff member by simpl

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [F](#) | [G](#) | [H](#) | [I](#)  
[S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [X](#) | [Y](#) | [Z](#)


<u>First:</u>	<u>Last:</u>	<u>Email:</u>
Edward	Abbuehl	<a href="mailto:edward.abbuehl@greenbush.org">edward.abbuehl@greenbush.org</a>
Trina	Adams	<a href="mailto:trina.adams@greenbush.org">trina.adams@greenbush.org</a>
Jolyne	Alexander	<a href="mailto:kjoalex@cox.net">kjoalex@cox.net</a>
Lorna	Alexander	<a href="mailto:lorna.alexander@greenbush.org">lorna.alexander@greenbush.org</a>
Lowell	Alexander	<a href="mailto:lowell.alexander@greenbush.org">lowell.alexander@greenbush.org</a>
Alicia	Amborski	N/A
Akshaya	Amin	<a href="mailto:akshaya.amin@greenbush.org">akshaya.amin@greenbush.org</a>
Gary	Anderson	<a href="mailto:gary.anderson@greenbush.org">gary.anderson@greenbush.org</a>
Stephen	Anderson	<a href="mailto:stephen.anderson@greenbush.org">stephen.anderson@greenbush.org</a>
Bobbi	Ard	N/A
Ashley	Arensdorf	
Claudia	Arzate	<a href="mailto:arzatetopeka@aol.com">arzatetopeka@aol.com</a>
Barbara	Attivo	<a href="mailto:barb.attivo@greenbush.org">barb.attivo@greenbush.org</a>
Keith	Aubert	<a href="mailto:keith.aubert@greenbush.org">keith.aubert@greenbush.org</a>

The staff web pages list all email addresses for the school. Not only can the bad guys read the page but the corresponding html code shown below does not encrypt email addresses.

## HTML Code from the Web Page above.

Note the email addresses are not encrypted.

```
href="mailto:edward.abbuehl@greenbush.org">edward.abbuehl@
greenbush.org</a></font></td><td class="foot"><font style="font-
size : 10px;">Lawrence Gardner HS Topeka Juvenile Correctional
F</font></td></tr><tr>
<Td class="foot"><font style="font-size : 10px;">Trina</font></td>
<td class="foot"><font style="font-size : 10px;">Adams</font></td>
<td class="foot"><font style="font-size : 10px;"><a
href="mailto:trina.adams@greenbush.org">trina.adams@greenbu
sh.org</a></font></td><td class="foot"><font style="font-size :
10px;">Pony Express Learning Center</font></td>
```

<b>Support</b> Email Subjects Sys Admin Network Docs/Design Network Security Network Tools Telco Circuits	<b>Mike Pennell</b> - Executive Director <b>Beverley Fielding</b> - Chief Financial Officer <b>Bryan McGuire</b> - Sr. Network Engineer
<b>Policies</b> Acceptable Use Policy Site Use Policy Privacy	

[newnet66.org/contactus.html](http://newnet66.org/contactus.html)

**Correct  
encryption  
example.**

## Code from the NewNet 66 Web Site

Note the email addresses are encrypted.

```
Mike Pennell </a>- Executive Director<br><a
href="mailto:b102;105;101;108;100;
105;110;103;64;110;101;119;110;1
01;116;54;54;46;111;114;103;">Bever
ley Fielding</a> - Chief Financial Officer<br><a
href="mailto:b109;99;103;117;105;
114;101;64;110;101;119;110;101;11
6;54;54;46;111;114;103
```

## Helpful Hints and Tools

~ Don't list fully qualified email addresses on your web site.

Example - johndoe@xyz.k12.ok.us

This makes it very easy for the bad guys to harvest email addresses.

~ Encrypt email addresses within the html code on your web site.

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Below are a few **free** tools to help with encrypting email addresses.

~ **Adobe Dreamweaver Win XP and Macintosh**

[http://www.adobe.com/cfusion/exchange/index.cfm?  
event=extensionDetail&loc=en\\_us&extid=1015484](http://www.adobe.com/cfusion/exchange/index.cfm?event=extensionDetail&loc=en_us&extid=1015484)

~ **Free code example for Dreamweaver and Front Page**

<http://capsvan.groupsie.com/discussion/topic/show/72066>

~ **Free code generator for encrypting email addresses**

<http://javascript.about.com/library/blemail1.htm>