

WordPress

Free, Open Source Content Management System

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WordPress

- Free and open source, built by hundreds of volunteers—<https://make.wordpress.org>
- Content management system—a few theme files can be used to generate an infinite number of site pages using content stored in a database

Technologies

- HTML/CSS—Used by front end developers to create and customize theme layouts/ (Some HTML/CSS is generated dynamically by Wordpress.)
- JavaScript—provides interactivity, animation
- PHP—used to populate a webpage with content from a MySQL database
- MySQL—open source database (backend) containing all the content that appears (not otherwise hard-coded) in the pages

- wp_commentmeta
- wp_comments
- wp_links
- wp_ngg_album
- wp_ngg_gallery
- wp_ngg_pictures
- wp_options
- wp_postmeta
- wp_posts
- wp_rg_constantcontact
- wp_rg_form
- wp_rg_form_meta
- wp_rg_form_view
- wp_rg_incomplete_submissions
- wp_rg_lead
- wp_rg_lead_detail
- wp_rg_lead_detail_long
- wp_rg_lead_meta
- wp_rg_lead_notes
- wp_terms
- wp_term_relationships
- wp_term_taxonomy
- wp_usermeta
- wp_users

[+ Create table](#)

```
Showing rows 0 - 29 ( 3,284 total, Query took 0.0026 sec)
SELECT *
FROM wp_posts
LIMIT 0 , 30
```

Profiling [\[Inline\]](#) [\[Edit \]](#) [\[Explain SQL \]](#) [\[Create PHP Code \]](#) [\[Refr](#)

1 > >> | Show : Start row: 30 Number of rows: 30 Headers every 100 rows

Sort by key: None

+ Options

	ID	post_author	post_date	post_date_gmt	post_content	post_title	post_excerpt	post_status	comment_status	ping_status	post_password	post_name	to_ping	pinged	post_modified	post_modified_gmt
<input type="checkbox"/> Edit Copy Delete	1873	6	2012-11-26 21:04:33	2012-11-27 02:04:33	[nivoslider slug="front-page"]	Home	This is an excerpt	inherit	closed	open		2-revision-v1			2012-11-26 21:04:33	2012-11-27 02:04:33
<input type="checkbox"/> Edit Copy Delete	2	6	2012-09-02 17:53:29	2012-09-02 21:53:29	"Different people see things differently." The Dep...	What is the UB Department of Art?	This is an excerpt	publish	closed	closed		home			2014-12-05 23:26:15	2014-12-06 04:26:15
<input type="checkbox"/> Edit Copy Delete	1868	1	2012-11-01 15:21:14	2012-11-01 19:21:14	[nivoslider id="1866"]	Home	This is an excerpt	inherit	closed	open		2-revision-v1			2012-11-01 15:21:14	2012-11-01 19:21:14
<input type="checkbox"/> Edit Copy Delete	11	1	2012-09-13 15:06:41	2012-09-13 19:06:41		Auto Draft		inherit	closed	open		10-revision-v1			2012-09-13 15:06:41	2012-09-13 19:06:41
<input type="checkbox"/> Edit Copy Delete	12	6	2012-09-13 15:06:58	2012-09-13 19:06:58	<h1>Undergraduate Degrees in Art</h1> Art at UB c...	Undergraduate		publish	closed	closed		undergraduate-programs			2015-01-21 13:39:48	2015-01-21 18:39:48
<input type="checkbox"/> Edit Copy Delete	5	1	2012-09-02 17:53:29	2012-09-02 17:53:29	This is an example page. It's different from a blo...	Sample Page		inherit	open	open		2-revision-v1			2012-09-02 17:53:29	2012-09-02 17:53:29
<input type="checkbox"/> Edit Copy Delete	70	1	2012-09-13 15:42:54	2012-09-13 19:42:54	http://art.buffalo.edu/wp/wp-content/uploads/2012/...	grey.png		inherit	closed	open		grey.png			2012-09-13 15:42:54	2012-09-13 19:42:54
<input type="checkbox"/> Edit Copy Delete	6	3	2013-10-30 16:19:39	2013-10-30 20:19:39	"Different people see things differently." The Dep...	What is Visual Studies at Buffalo?		inherit	open	open		2-autosave-v1			2013-10-30 16:19:39	2013-10-30 20:19:39
<input type="checkbox"/> Edit Copy Delete	2097	6	2012-11-30 10:55:26	2012-11-30 15:55:26	Vision is our only sense that pretends to comprehe...	What is Visual Studies at Buffalo?	This is an excerpt	inherit	closed	open		2-revision-v1			2012-11-30 10:55:26	2012-11-30 15:55:26
<input type="checkbox"/> Edit Copy Delete	9	1	2012-09-07 10:12:34	2012-09-07 14:12:34	This is an example page. It's different from a blo...	Sample Page	This is an excerpt	inherit	open	open		2-revision-v1			2012-09-07 10:12:34	2012-09-07 14:12:34
<input type="checkbox"/> Edit Copy Delete	10	6	2012-09-13 15:06:51	2012-09-13 19:06:51	<h1>What Is The UB Department of Art?</h1> "Diffe...	About		publish	closed	closed		about			2014-12-05 23:26:16	2014-12-06 04:26:16
<input type="checkbox"/> Edit Copy Delete	13	1	2012-09-13 15:06:53	2012-09-13 19:06:53		Auto Draft		inherit	closed	open		12-revision-v1			2012-09-13 15:06:53	2012-09-13 19:06:53
<input type="checkbox"/> Edit Copy Delete	14	6	2012-09-13 15:07:13	2012-09-13 19:07:13	<h1>What Is Graduate Visual Studies at the Univers...	Graduate		publish	closed	closed		graduate			2014-12-05 23:26:16	2014-12-06 04:26:16
<input type="checkbox"/> Edit Copy Delete	3229	1	2013-01-10 16:44:54	2013-01-10 21:44:54	<h1>What Is Visual Studies at Buffalo?</h1> Visio...	About		inherit	closed	open		10-revision-v1			2013-01-10 16:44:54	2013-01-10 21:44:54
<input type="checkbox"/> Edit Copy Delete	3150	3	2013-01-08 12:01:26	2013-01-08 17:01:26	<h1>What Is Graduate Visual Studies at the Univers...	Graduate		inherit	closed	open		14-revision-v1			2013-01-08 12:01:26	2013-01-08 17:01:26
<input type="checkbox"/> Edit Copy Delete	15	1	2012-09-13 15:07:10	2012-09-13 19:07:10		Auto Draft		inherit	closed	open		14-revision-v1			2012-09-13 15:07:10	2012-09-13 19:07:10
<input type="checkbox"/> Edit Copy Delete	16	6	2012-09-13 15:07:19	2012-09-13 19:07:19	<h1>Faculty Overview</h1> <span style="font-size:...	People		publish	closed	closed		people			2014-12-05 23:26:16	2014-12-06 04:26:16
<input type="checkbox"/> Edit Copy Delete	17	1	2012-09-13 15:07:15	2012-09-13 19:07:15		Auto Draft		inherit	closed	open		16-revision-v1			2012-09-13 15:07:15	2012-09-13 19:07:15
<input type="checkbox"/> Edit Copy Delete	18	6	2012-09-13 15:07:36	2012-09-13 19:07:36		Full-Time Faculty		publish	closed	closed		full-time-faculty			2014-12-05 23:26:16	2014-12-06 04:26:16
<input type="checkbox"/> Edit Copy Delete	19	1	2012-09-13 15:07:34	2012-09-13 19:07:34		Full-Time Faculty		inherit	closed	open		18-revision			2012-09-13 15:07:34	2012-09-13 19:07:34
<input type="checkbox"/> Edit Copy Delete	20	6	2012-09-13 15:07:53	2012-09-13 19:07:53		Adjunct Faculty		publish	closed	closed		adjunct-faculty			2014-12-05 23:26:16	2014-12-06 04:26:16
<input type="checkbox"/> Edit Copy Delete	21	1	2012-09-13 15:07:48	2012-09-13 19:07:48		Adjunct Faculty		inherit	closed	open		20-revision			2012-09-13 15:07:48	2012-09-13 19:07:48

WORDPRESS

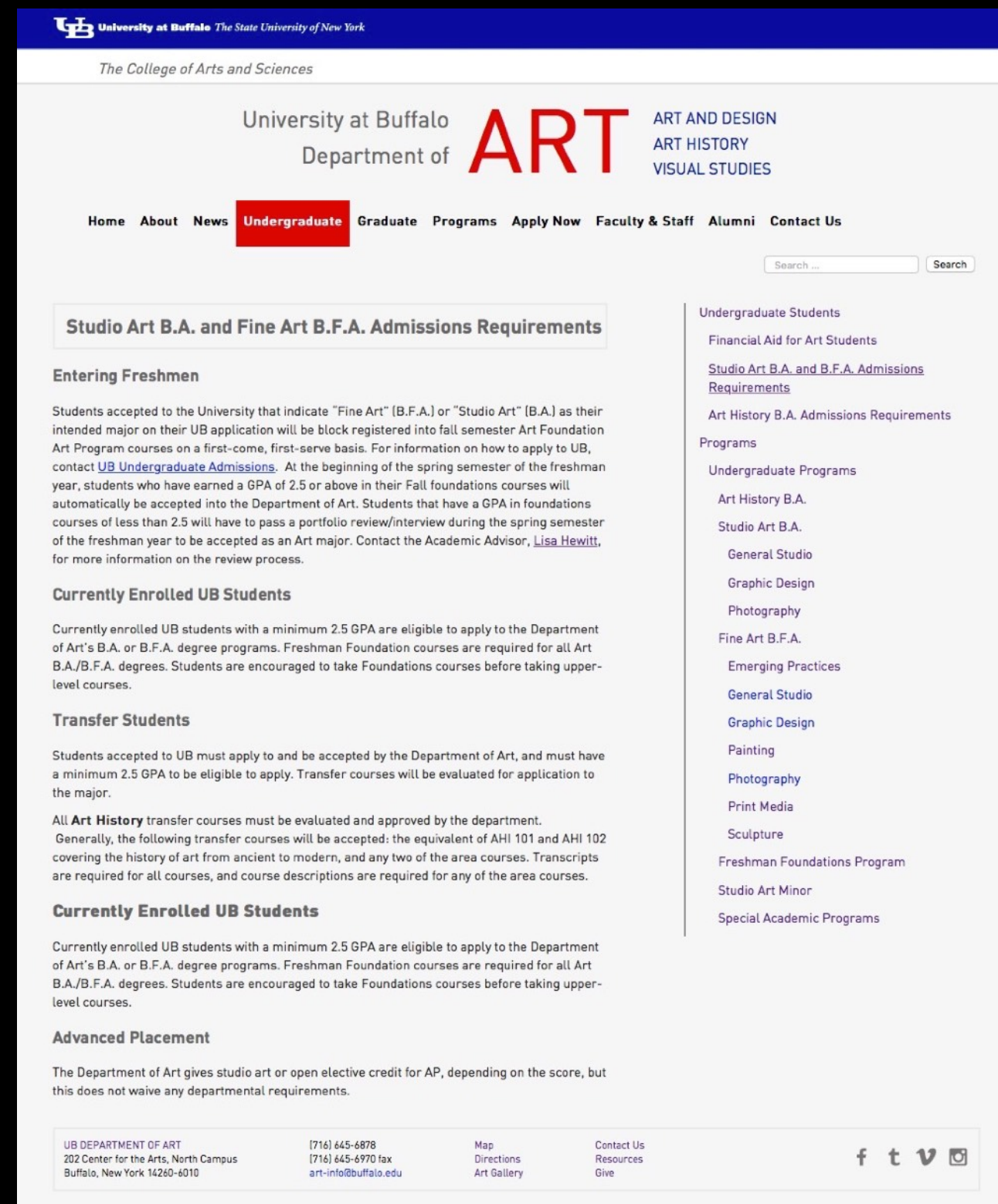
- ✓ **Completely FREE.**
- ✓ **Open Source Project**
- ✓ **Constantly evolving and improving.**
- ✓ **Thousands of plugins, widgets, and themes.**

WP101: What is WordPress?

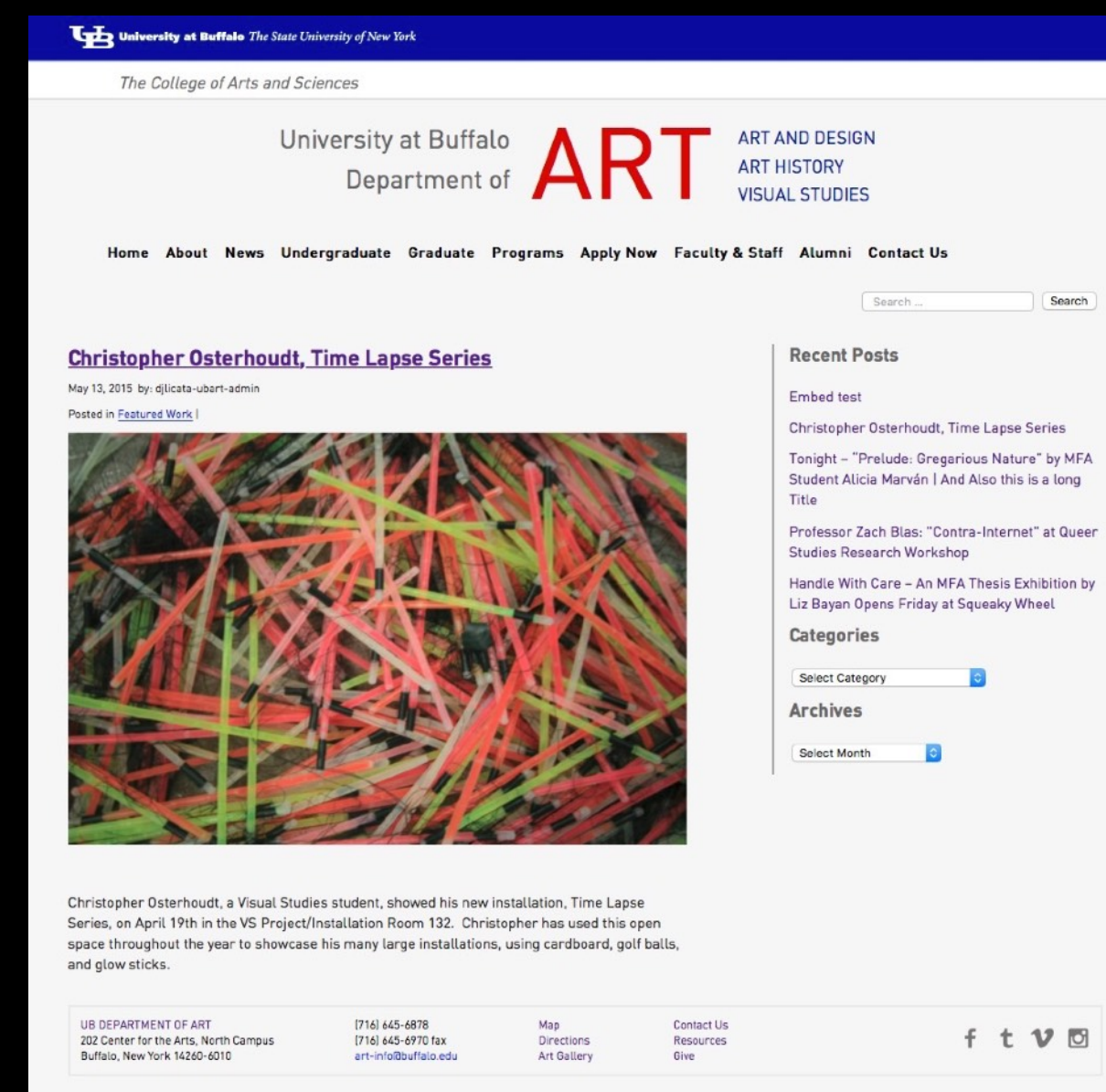
Pages and Posts

PAGES are more-or-less permanent components of a website. They provide useful info for a long period of time

POSTS are for timely information that is valuable for a specific period of time, such as news items, events, or blog articles




A Page



A Post

Posts Page

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The College of Arts and Sciences

University at Buffalo
Department of **ART** ART AND DESIGN
ART HISTORY
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News

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September 17, 2015 by: djlicata-ubart-admin
Posted in [Uncategorized](#) |

[Christopher Osterhoudt, Time Lapse Series](#)
May 13, 2015 by: djlicata-ubart-admin

 Christopher Osterhoudt, a Visual Studies student, showed his new installation, Time Lapse Series, on April 19th in the VS Project/Installation Room 132. Christopher has used this open space throughout the year to showcase his many large installations, using cardboard, golf balls, and glow sticks.
Posted in [Featured Work](#) |

[Tonight – "Prelude: Gregarious Nature" by MFA Student Alicia Marván | And Also this is a long Title](#)
April 3, 2015 by: Natalie Fleming

 **AUXILIARY CONSTRUCTIONS** prelude: gregarious nature
Leading up to her MFA thesis exhibition in late May, Alicia Marván presents an array of fiber sculptures inspired by organic forms and landscapes. Part of a new series of works framed [Read More](#)

Tags: [Alicia Marván](#), [CG Jung Center](#), [exhibitions](#), [reception](#)
Posted in [Exhibits](#), [Featured Posts](#), [Graduate Students](#), [Receptions](#) |

[Professor Zach Blas: "Contra-Internet" at Queer Studies Research Workshop](#)
April 2, 2015 by: Natalie Fleming

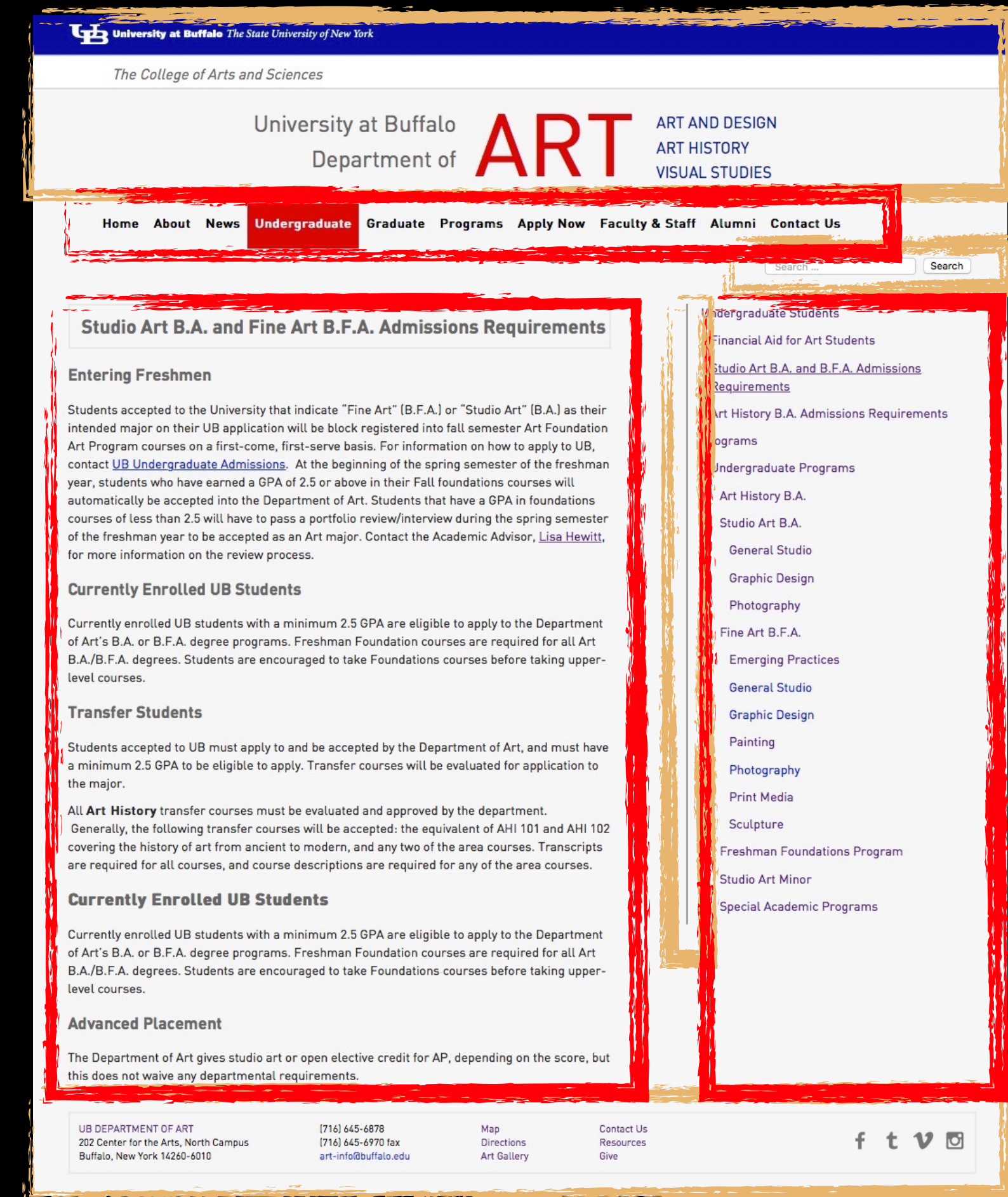
The Queer Studies Research Workshop presents Zach Blas: Contra-Internet Wednesday, April 8, 2015, 11:30am 606 Clemens Hall This talk will explore contemporary aesthetic and political militancies, subversions, and alternatives of "the Internet," what Blas theorizes as contra-internet practices. Experimentally developed from the feminist/queer writings of J. K. Gibson-Graham and Beatriz Preciado, contra-internet is a genealogical, methodological, and [Read More](#)

Tags: [queer studies research workshop](#), [Zach Blas](#)
Posted in [Faculty](#), [Featured Posts](#), [Lectures](#) |

[Handle With Care – An MFA Thesis Exhibition by Liz Bayan Opens Friday at Squeaky Wheel](#)
April 1, 2015 by: Natalie Fleming

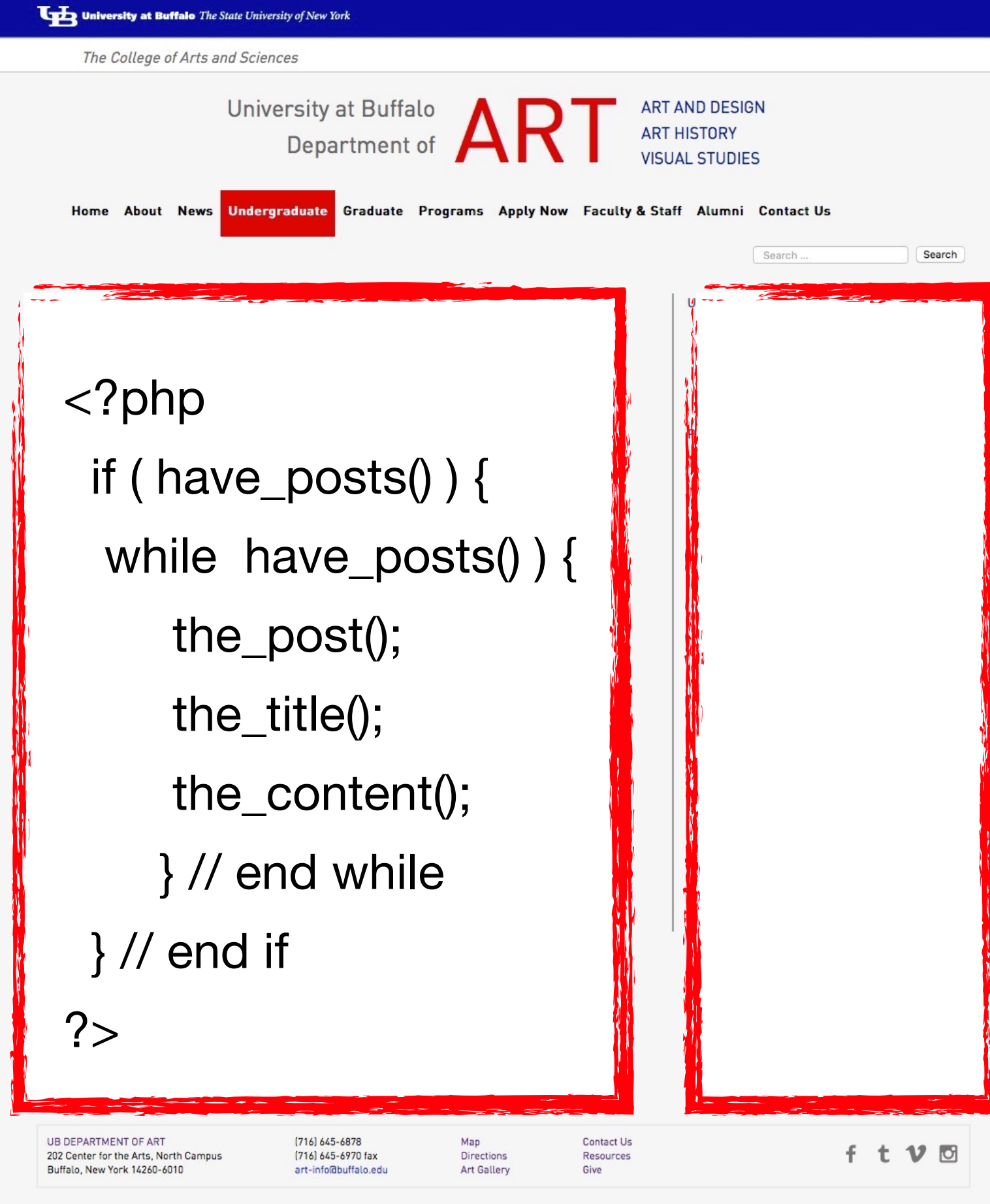
Static vs Changeable Content

- Content that stays the same from page to page is “hard-coded” into the site theme templates.
- Content that changes from page to page is stored in a MySQL database and loaded into the page templates using a php “Loop”.



The Loop

- The Loop is PHP code used by WordPress to display posts (titles and content.) Note that pages behave like posts as far as retrieving content through the loop.
- A PHP if/else statement: WordPress asks the database if there are any posts. If and while there are if, display some information about each one; otherwise display an error message (or show nothing at all.)



The screenshot shows the website for the University at Buffalo Department of ART. The page features a blue header with the university logo and name, and a white navigation bar with links for Home, About, News, Undergraduate, Graduate, Programs, Apply Now, Faculty & Staff, Alumni, and Contact Us. The main content area is divided into two columns, both outlined in red. The left column contains PHP code for 'The Loop', and the right column is empty. The footer includes contact information for the UB Department of Art, phone numbers, a map link, and social media icons for Facebook, Twitter, YouTube, and Instagram.

```
<?php
if ( have_posts() ) {
    while have_posts() ) {
        the_post();
        the_title();
        the_content();
    } // end while
} // end if
?>
```

The Loop

- The Loop can be limited to displaying only certain posts, for example those files in specific categories or with certain tags.

Install

- `wp-config.php`—files that associates and connects a wp install with a particular MySQL database
- `wp-content` folder
 - `plugins`—add features to a wp install
 - `themes`—design frameworks
 - `uploads`—contain the media files embedded into pages and posts

Dashboard

- Posts (cats and tags) (permalinks)
- Media
- Pages
- Comments
- Appearance
 - Themes
 - Widgets
 - Menus
- Plugins
- Users
- Settings

Dashboard

- Appearance
 - Menus
- Plugins
- Settings

Themes & Child Themes

- As explained at codex.wordpress.org, a Child Theme “inherits the functionality of its parent”. They are the best way to modify an existing (parent) theme. You can alter CSS rules and create alternative template pages, without modifying the parent theme files. Any new style or page in the Child overrides that functionality in the Parent.

Themes & Child Themes

Reasons for using a child theme:

- If you modify an existing theme and it is updated, your changes will be lost. With a child theme, you can update the parent theme (which might be important for security or functionality) and still keep your changes.
- It can speed up development time.

Plugins

- Akismet
- Google Analytics by Yoast
- Contact Form 7
- JetPack
- NextGen Gallery
- Nivo Slider
- WordPress SEO

WordPress Resources

- <http://wordpress.org>
 - Download WP, plugins and themes
- <http://wordpress.com/>
 - Hosts your own WP site
- <http://wordpress.tv>
 - Tutorials and Use Cases