

# Building Basic Sites with Drupal



Using Drupal's standard modules to build and maintain your information



# What constitutes a basic site?

- Provides information to end-user with little to no complex features
- Personal advertising (i.e. portfolio, service, etc.)
- Small businesses that haven't reached enterprise level

# Why Drupal

- Almost everything needed to build a basic site can be done through the UI
- Flexibility in creating content and pages
- Ease of maintenance post launch
- Can be done with little to no Contrib modules\*

\*depending on specific needs

# Before you start: Modules

- Modular code made to execute specific action or handle certain events
- Not plugins
- May require some configuration
- Flexible and able to be molded to fit specific site needs

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# Menu: Use

- Clear path of site structure

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- Clear path of site structure
- Jumping off point for development

# Menu: Examples



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Live: Green Campus

## Live: Green Campus

- Buildings
- Energy
- Food Systems & Permaculture
- Green Residence Hall
- Landscape
- Planning for Sustainability
- Recycling and Waste Reduction
- Transportation
- Water

## Live Sustainably at UMass Amherst

Join the talk at UMass Amherst: Students, faculty, and staff practice sustainability each and every day here on campus.

Take a look at a sustainability-filled day in the life of Jeremy, a student who is majoring in Plant, Soil, and Insect (one of 20 sustainability-related majors):

Jeremy wakes up in his residence hall in Southwest. During recent Orientation, Jeremy visited the [Model Green Room](#) where he learned about sustainable living, so now he will brush his teeth with toothpaste.

Jeremy hops on a [UMass BikeShare](#) bicycle, available for free daily rental from the Student Government Association and zooms to the Morrill Science Building for his first class of the day.

8:50am Jeremy locks up his bike at one of the 300 bike loops on

## IN THE SPOTLIGHT



Jackie Hynes

[view](#)

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Taken from UMass' Sustainability site

Nested menu links positioned as blocks on subpages

# Views: Use

- Direct interaction with the database

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- Direct interaction with the database
- Provides content filtering



# Views: Use

- Direct interaction with the database
- Provides content filtering
- Provides a way to relate content with everything else on the site

# Views: Example

**CURRENT AND PAST SCHOLARS BY YEAR**

2013-2014 ▾

**Elizabeth Harvey**  
Professor, Psychology  
Family Research Scholar 2005-06 and 2013-14  
eharvey@psych.umass.edu  
Research: Lisa Harvey's research is to examine emotion processing and symptomatology.  
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**Agnès Lacreuse**  
Associate Professor  
Family Research Scholar  
alacreuse@psych.umass.edu  
Research: Agnès Lacreuse is studying aging trajectories in sociocultural and emotional health studied in an approach.  
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**National Cancer Institute in the National Institutes of Health**  
\$2.3 million  
"Biopsychosocial Factors in depression and marriage: Implications for Cancer"  
PI: **Paula Pietromonaco**  
Professor, Psychology  
**Sally Powers**  
Associate Dean, College of Natural Sciences (Faculty Development)

**National Institutes of Health**  
\$2,125,023  
"The Benefit of Naps on Cognitive, Emotional and Motor Learning in Preschoolers"  
PI: **Rebecca Spencer**  
Assistant Professor, Psychology

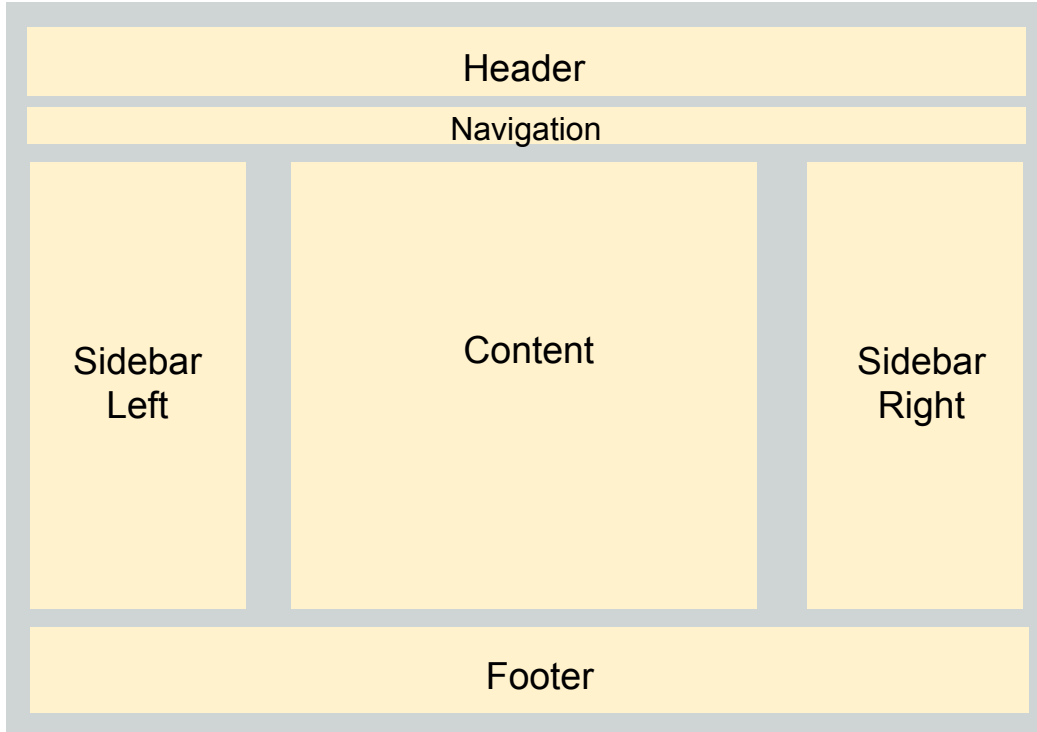
**National Institutes of Health**  
\$393,005  
"Effect of Voluntary Binge Drinking on the Prefrontal Cortex in Adolescent Rats"  
PI: **Heather Richardson**  
Assistant Professor, Psychology

View with exposed filter to allow user access to necessary information

No exposed filter but still filtered by date

Taken from  
Umass' Center for  
Research on  
Families

# Blocks: Use



# Blocks: Organization

- Filter by page

# Blocks: Organization

- Filter by page
- Filter by Content Type

# Blocks: Organization

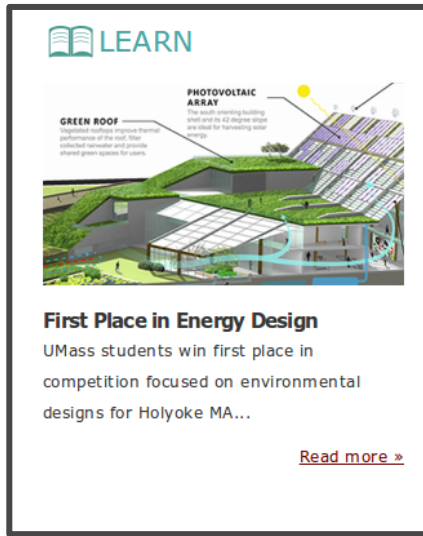
- Filter by page
- Filter by Content Type
- Filter by User Role

# Blocks: Organization

- Filter by page
- Filter by Content Type
- Filter by User Role
- User Toggle Display

# Blocks: Examples

A dynamic block used to display user selected content pertaining to the learn topic



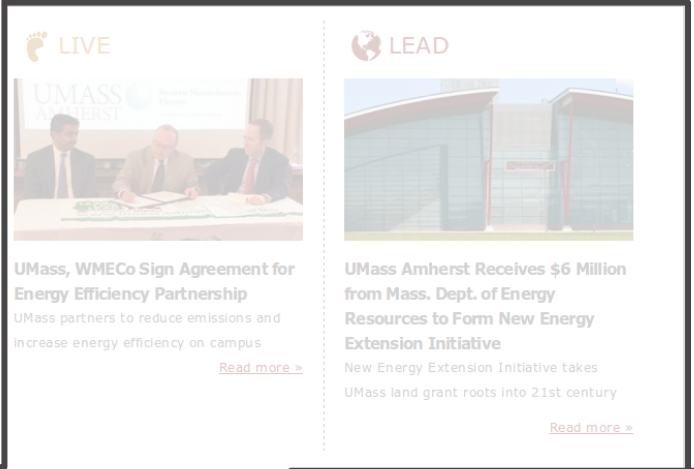
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**GREEN ROOF**  
Vegetated rooftops improve thermal performance of the roof, store collected rainwater and provide natural green spaces for users.

**PHOTOVOLTAIc ARRAY**  
The solar energy system that and its 42-degree tilt are ideal for maximizing solar energy.

**First Place in Energy Design**  
UMass students win first place in competition focused on environmental designs for Holyoke MA...

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**LIVE**

**UMASS AMHERST**

**UMass, WMECo Sign Agreement for Energy Efficiency Partnership**  
UMass partners to reduce emissions and increase energy efficiency on campus

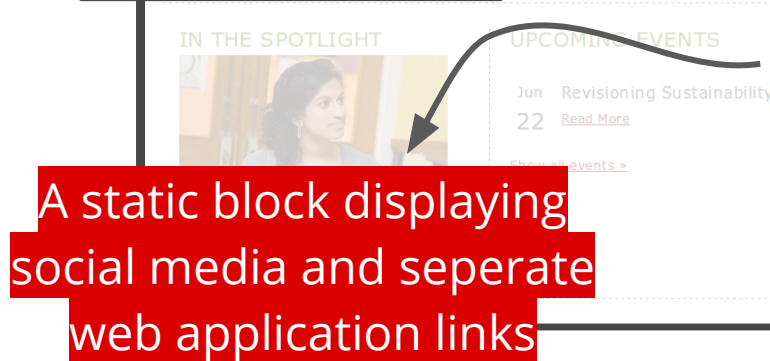
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**LEAD**


**UMass Amherst Receives \$6 Million from Mass. Dept. of Energy Resources to Form New Energy Extension Initiative**  
New Energy Extension Initiative takes UMass land grant roots into 21st century

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Taken from Umass' Sustainability site.



**IN THE SPOTLIGHT**



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A static block displaying social media and separate web application links



**ENGAGE**



**Sustainability Explorer**



# Taxonomy: Use

- Kind of Drupal's base way of contending with content organization\*

\*I'll qualify this

# Taxonomy: Use

- Kind of Drupal's base way of contending with content organization\*
- A great jumping off point for filtering with views.

\*I'll qualify this

# Taxonomy: example

<i>Business</i> (60)	<i>Children</i> (94)	<i>Color</i> (41)	<i>Consciousness</i> (42)	<i>Death</i> (63)
<i>Education</i> (186)	<i>Emotion</i> (60)	<i>Environment</i> (29)	<i>Ethics</i> (1,063)	<i>Euthanasia</i> (2)
<i>Existence</i> (106)	<i>Feminism</i> (59)	<i>Freedom</i> (124)	<i>Gender</i> (25)	<i>Happiness</i> (61)
<i>History</i> (15)	<i>Identity</i> (67)	<i>Justice</i> (203)	<i>Knowledge</i> (222)	<i>Language</i> (226)
<i>Law</i> (64)	<i>Literature</i> (33)	<i>Logic</i> (287)	<i>Love</i> (111)	<i>Mathematics</i> (165)
<i>Medicine</i> (50)	<i>Mind</i> (243)	<i>Music</i> (29)	<i>Perception</i> (63)	<i>Philosophers</i> (309)
<i>Philosophy</i> (473)	<i>Physics</i> (66)	<i>Probability</i> (35)	<i>Profession</i> (102)	<i>Punishment</i> (46)

Views  
aggregation to  
get number of  
content pieces  
using term

Term linking to  
it's respective  
page

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