RUTGERS
School of Arts and Sciences

Galleries in Joomla – Joomla 4

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Web Development

School of Arts and Sciences

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Components in Joomla!

Instructor for this Workshop

School of Arts & Sciences, Web Development

Once you arrive: (YOU MUST BE LOGGED ON VIA VPN)

- Go to the website:
    a. https://webtraining.sas.rutgers.edu
- Open the Administrator Panel:
    a. https://webtraining.sas.rutgers.edu/administrator
- Download this file & Extract the file, it contains images you can use for the class, **https://sasit.rutgers.edu/images/files/gallery.zip**

WHAT IS JOOMLA?

Joomla! is Content Management System (CMS) software that runs on a web server, and allows you to update your unit's web site through a browser (such as Google Chrome, Mozilla Firefox, or Safari).

A content management system isolates the process of updating information from the more technical aspects of updating a website (such as administration, configuration, and design), and eliminates the need to edit HTML or use web design software.

Visit www.joomla.org and help.joomla.org for more information on Joomla!

WHAT IS A COMPONENT?

A component in Joomla! Is a program that can include more complex information then just a 'plain' Joomla article. These components are referenced as 'mini programs'.   They can be as simple as a weblinks manager or as complex as Jevents where events are managed and created and organized.

A Joomla Component might also include a module as well, which can pull the information together.

IGNITE GALLERY

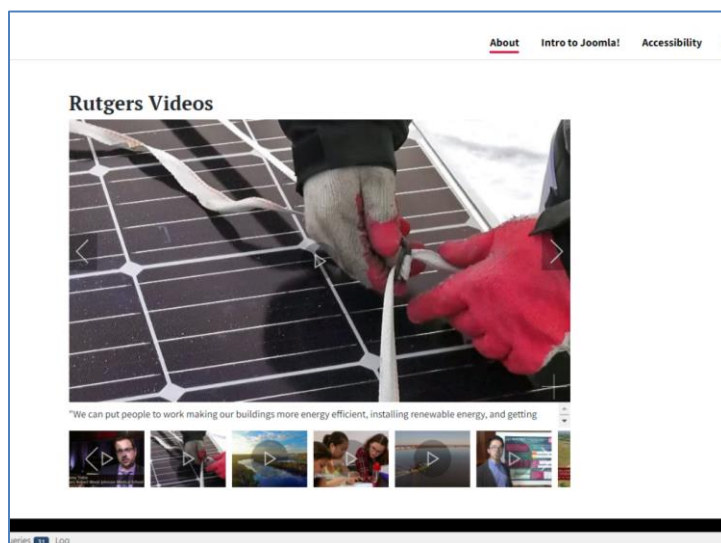Ignite Gallery is an image gallery tool that has the following functionality benefits:

- Display gallery with Thumb-nails only (Responsive)
  https://webtraining.sas.rutgers.edu/academics/undergraduate/research

- Display gallery as a 'slideshow' with a main image (with or without thumbnails)
  https://webtraining.sas.rutgers.edu/about/videos

- Can edit images from gallery on FRONT END
- Galleries can be created within nested categories for easy display

If this tool is not installed, please create a work order to request that we install it for you.

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CREATE GALLERY

Components → Ignite Gallery -→ Category

The category structure can be 'nested' and can have images in each level if needed.
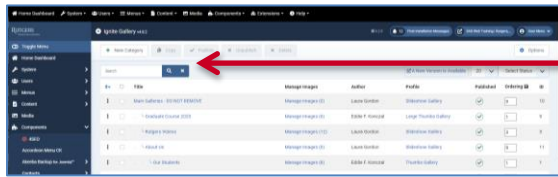
Click New Category
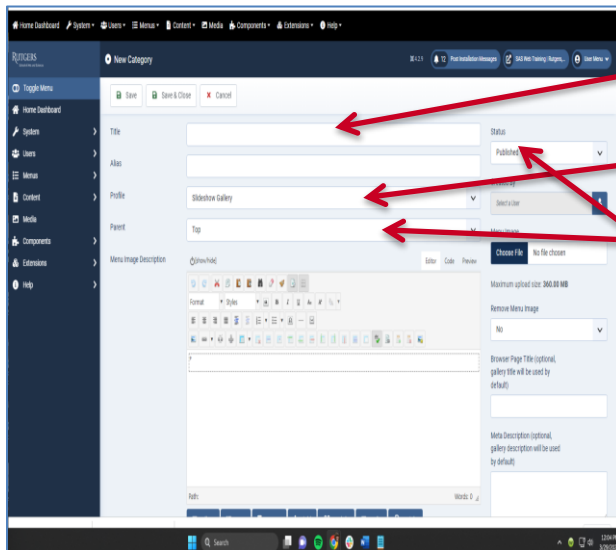
Name of Category

Select the Profile to use (can be changed)

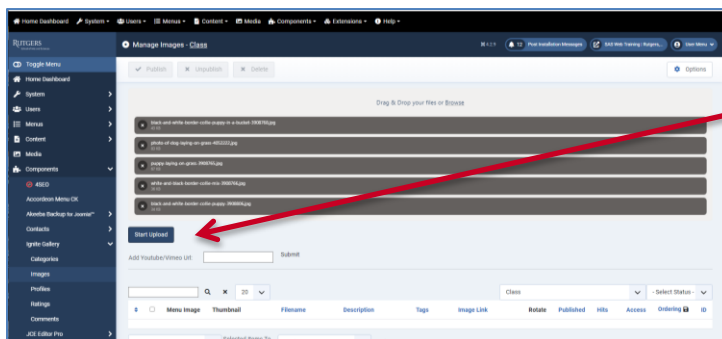Parent (how the category is 'nested')

Set to PUBLISHED

UPLOAD IMAGES

While on the CATEGORY Listing Page, click on the Manage Images (0) link
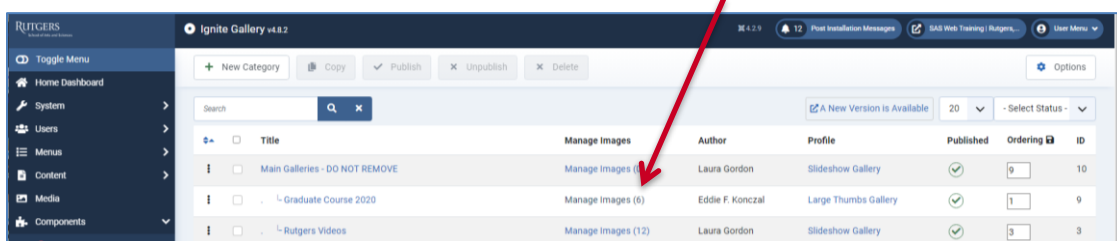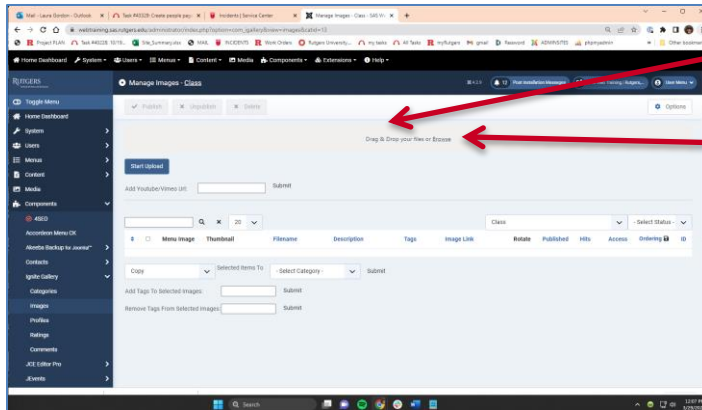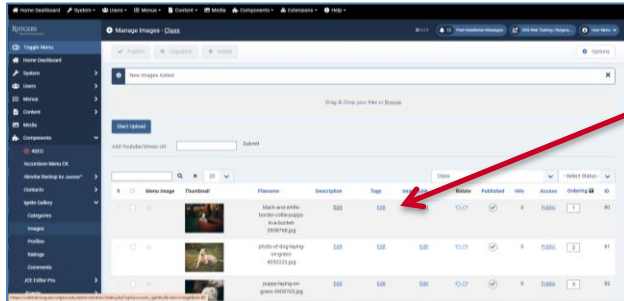
Drag images into the GRAY box
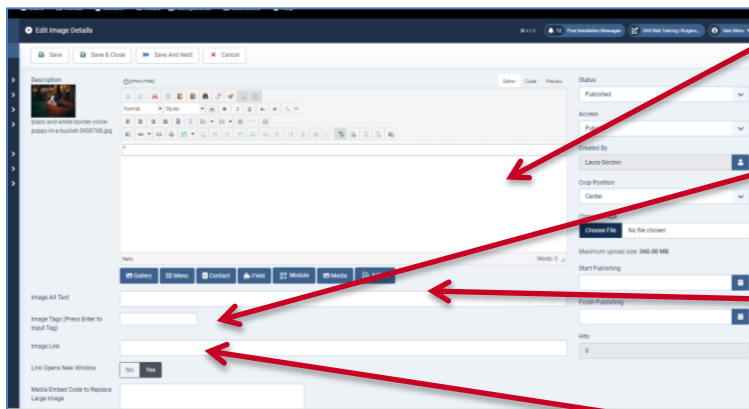
Click Add images button, to get to the 'browse' area.

Click 'Start Upload' to upload the images into the gallery.

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EDIT IMAGES (DESCRIPTION, ALT TEXT)

While on the Image Listing Page…

Click EDIT under Description or Tag

Enter Description

Tags (These can be used to determine image selection not required)

Alt Text: This can be used to display text below thumbnails (the profile has to be set to display this text)

Image Link: If on the click on the image you want to go to a different page or area, this is where it is set.
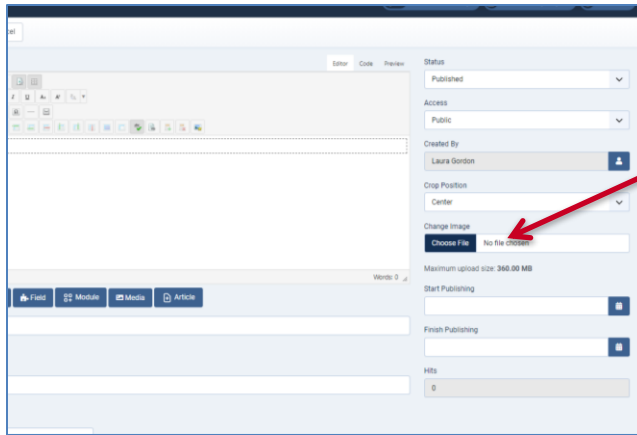
To change the image, click on the 'choose file' button.
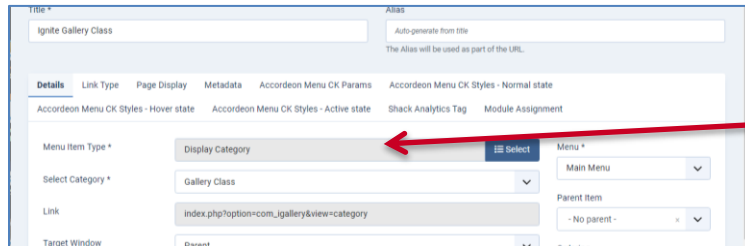
CLASS WORKSHOP

1. Create Category with title = YOURNAME, Set the PARENT GALLERY to be Gallery Class

2. Upload several images into your category

3. Add ALT text to the images

4. Add DESCRIPTION text to the images

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ADD IGNITE GALLERY TO WEBSITE

The gallery could be displayed on the website either 'inside' of an article, or with a menu item link.

Display with a Menu Item Link

Menu Item type:

Ignite Gallery → Display Category

Select the Category to display

Sample Display:
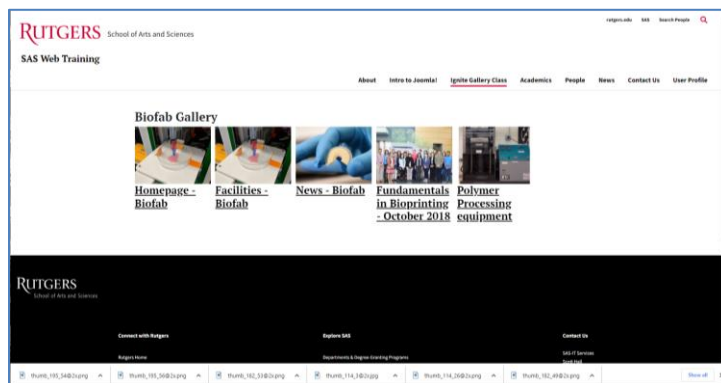
Display Inside of an Article

Edit an Article
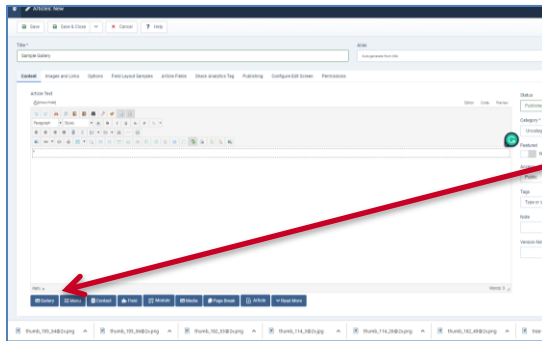
Click on Gallery Button underneath the editor to add the gallery.
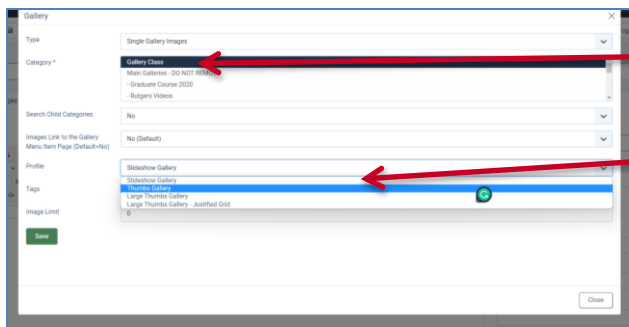
Select Category to view

Select the Profile to use (scroll down to see profile option)

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Code Layout:

Id=3128 (this is just a unique number)

cid=1 (this is the Category ID)

pid=1 (this is the Profile ID)
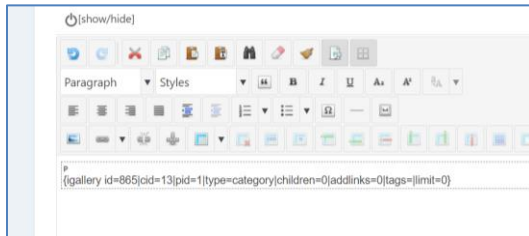
Sample result of embedding gallery in an article:
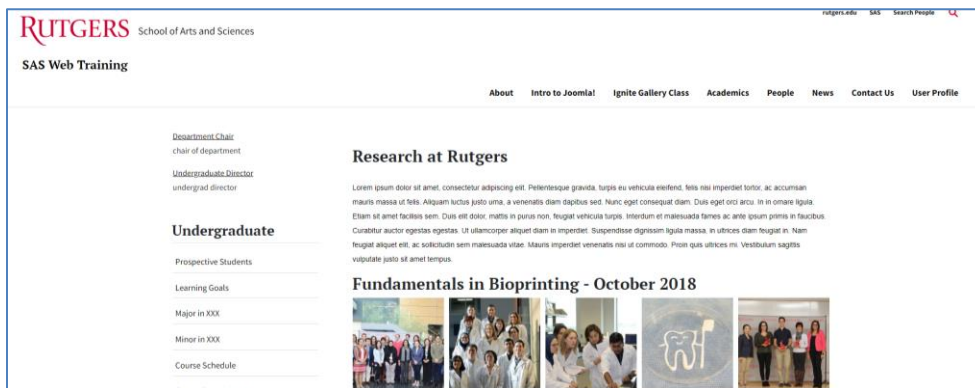
1. Click on MANAGE IMAGES for the specific category
2. In the box for Add Youtube/Vimeo URL: enter the youtube url
3. Click Submit
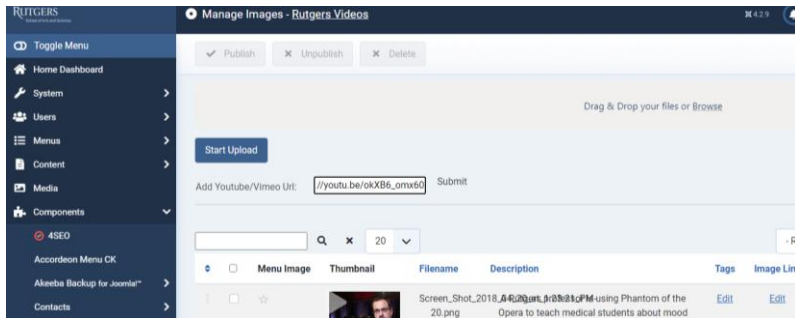
4. The system will automatically 'grab' an image from the video, you are welcome to add text to it as well
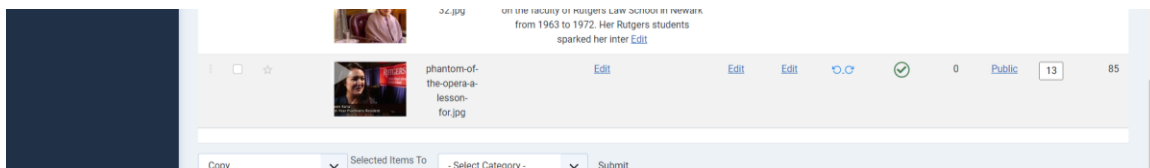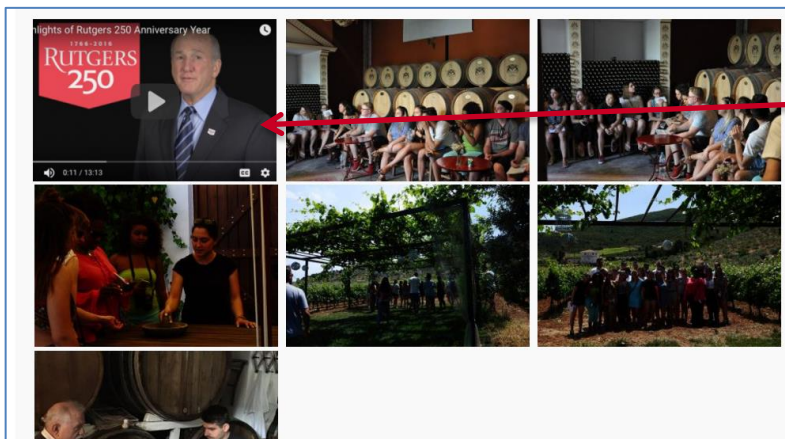
You can now see the image as a 'thumb' with the rest of the images.

When you click on it, you will be taken to the light box, and the video will run.

In the 'lightbox view', you can now see the video, and play it.

For NON Youtube Videos

1. Upload an image for the video
2. Click EDIT to edit the video details
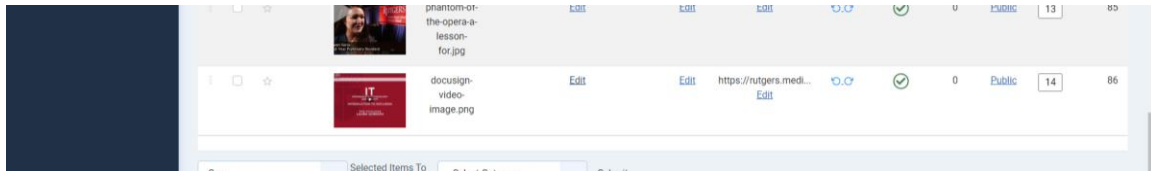
3. A a 'link' to the video in the image link field
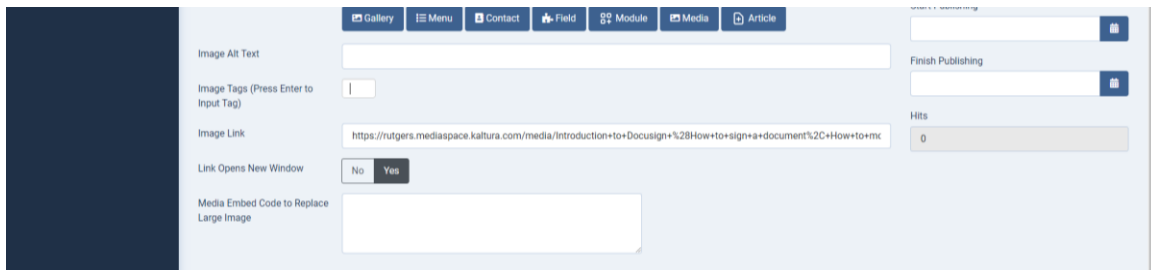
On the Click of the thumbnail you will be taken to the URL link
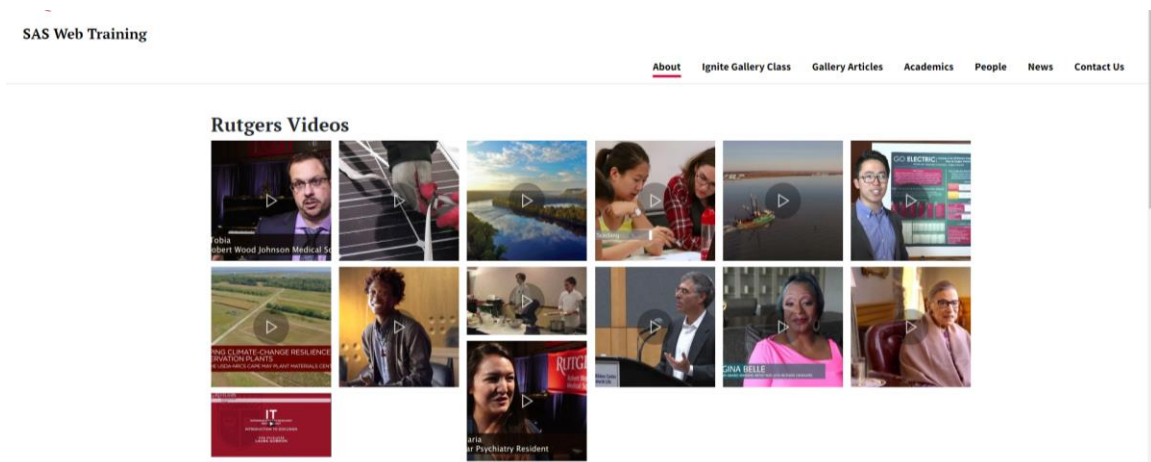
WORK WITH GALLERIES FROM FRONT END

- By default this option is NOT available for regular installations. If this is something you will need for your department, please create a work order and ask us specifically:
  - o   Manage Gallery from Front End
  - o   Who do you want to have this access (administrators? Another group?)
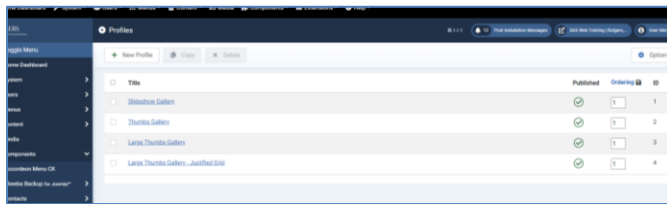
1. Login on the front end

2. Under USER MENU click on manage gallery

3. From here you can upload images and edit image properties

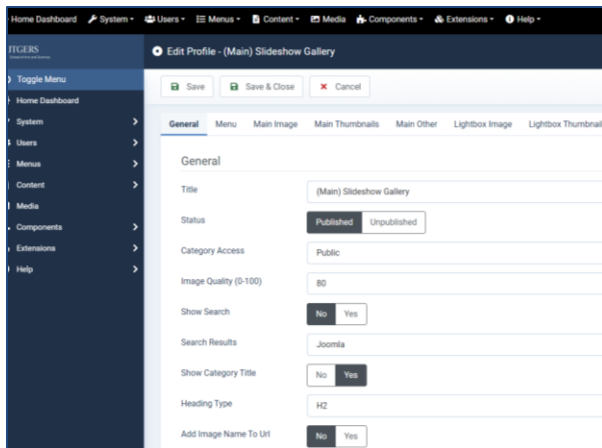*WORK WITH PROFILES IN IGNITE GALLERY*

The biggest difference with these profiles, is the 'main' profile shows a 'larger image', and the 'thumbs only profile' shows just thumbs.

All settings are defined with each profile.

Each Category is assigned a DEFAULT profile, but when putting the category inside of an article, you can select a different profile to use at that time. This will change the display.

General Tab

Define basic pieces about the profile on how it is displayed on the front end. The most important item is if you want the 'category title' displayed or not and the image ordering (can be random)


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Menu Tab

This displays how the 'gallery' displays when you show a 'menu' of galleries. This is when you have 'sub categories' that you want to automatically display as you add more 'categories' of image galleries. Perhaps you have Graduation Gallery, then you want to show a 'gallery' for each year.
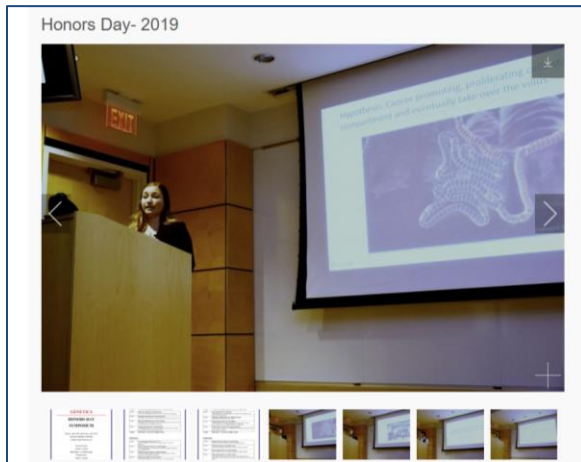
Example of a menu of galleries: https://genetics.rutgers.edu/news-events/events-gallery
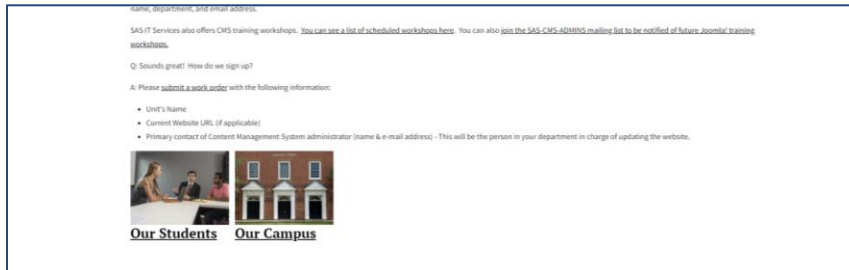
Definition of Menu options:
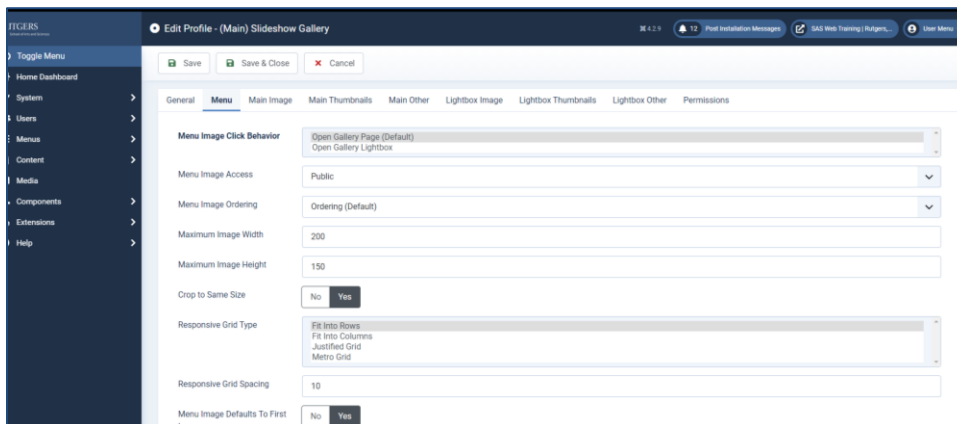
Main Image Tab

This tab defines how your 'main image' displays. This is useful if you display a 'slideshow' either with or without thumbs. (Note we do not currently use this on our home pages for the slide show we use smartslider for that), but this can be easily used for slide shows on other pages.

Sample display:

Setup:

Width/Height: This will KEEP the same proportions so it is the 'max'.

Crop to same size: this will FORCE CROP so all images will be the same size

- It looks better when the slides are the same size
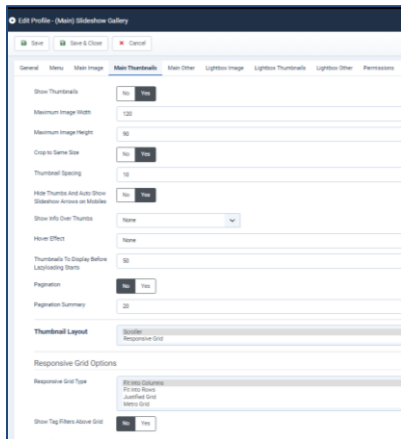
Transition: different options

Ken Burns: Panning options

Auto Start: begins with a slideshow rotation

Main Thumbnails Tab

This determines the layout of the thumbs, there are many different 'responsive' layouts available with different grids such as 'justified' and Metro grid. In the past the thumbs only looked good if they were the same size, but now it looks nice when thumbs are various sizes…
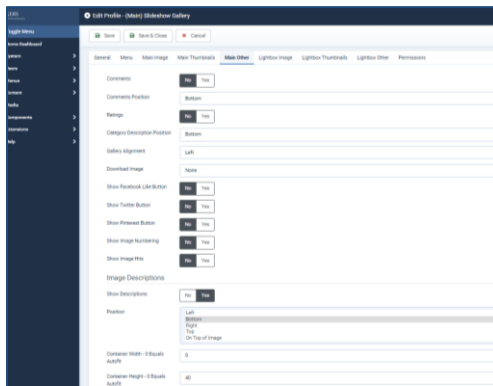
Sample with grid: https://www.ignitegallery.com/component-demo/metro-grid-layout

Main Other Tab

This is where you define if you would like the description displayed along with the main image.

Light Box Tabs

The light box tabs defines the main image, thumbs and other, when you 'click' on the image and a light box appears. This brings you 'closer' to the image. This way you can define the thumbs differently when in lightbox view…

https://genetics.rutgers.edu/news-events/events-gallery/honors-day/honors-day-2019

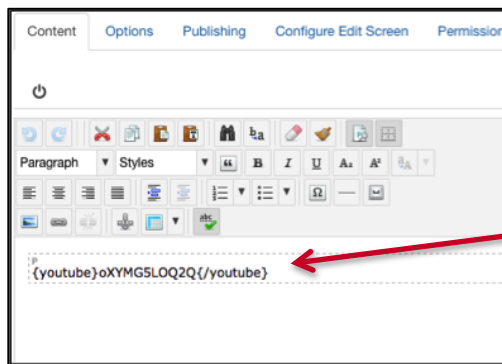Click on the MAIN image and you will be brought into lightbox view.

INSERT A VIDEO INTO YOUR ARTICLE – ALL VIDEOS

1. Go to youtube.com to find the video

2. Be sure to PAUSE the video

3. Click on the share button under the video, grab the link:

https://youtu.be/oXYMG5LOQ2Q

4. In the article place the following code:

{youtube}VIDEOID{/youtube} (where the video id=oXYMG5LOQ2Q)

* If you paste the 'LINK', it will not work, the 'link' must be 'broken first' (click on the videoed, then click on the 'unlink' option

https://webtraining.sas.rutgers.edu/academics/undergraduate/research

Different Parameters for Video:

{youtube}oXYMG5LOQ2Q|100%|400{/youtube}

100% = FULL WIDTH

400 = Height of 400px

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