

# Installation

To install the file, you download the Team Hercules application and run it.

# Usage

## 1 LOADING THE FILE

---

Team Hercules is an application that allows a user to load a CSV file and then view the file's data in a variety of ways.

There are four tabs the user can navigate to: Teaching, Publications, Presentations, Grants and Clinical Funding.

The user can then load the corresponding CSV file associated with the tab they are currently on.

Data has already been loaded in, as the application has the ability to save session state.

### 1.1 ERROR EDITING

After the user has uploaded a CSV file, they will be prompted with a dialog box that allows the user to edit missing mandatory fields or continue with the fields missing by pressing discard.

This box will also show the number of errors in the file. If the user chooses to edit fields, they can add information in the file and they can navigate through all the errors in the file through a "next" and "previous" button.

They can save the changes they have made by pressing "save", or they can discard those changes by pressing "cancel".

If the user chooses to fix errors, as errors are fixed, the error count will go down. After all the errors are fixed, the "Find Next/Prev" buttons should be disabled.

## 2 VIEWING THE DATA

---

After that point, the user can click on the specific name, and a visual presentation of the data will be presented in a bar, pie chart, scatter plot or line graph format.

### 2.1 GRAPHS

The user can choose which particular representation they would like to see. The graphs can also be exported as a pdf, or be printed.

### 2.2 SORTING

From this point, the user can also create a custom sort order.

The user can name their sort order, and then proceed with choosing fields that will organize the data.

The first selected field will organize information based on that category, and then each subsequent field will sort data on top of the original sorting that is in place.

The sort created by the user, can later be accessed in a drop-down menu on the main window. The created sort order can be deleted.

## 2.3 FILTERING

Furthermore, the user can also specify the range of member names alphabetically to be included in the sort.

In addition to that, the user can set a start and end date range to organize what data is accessible through the Team Hercules window.

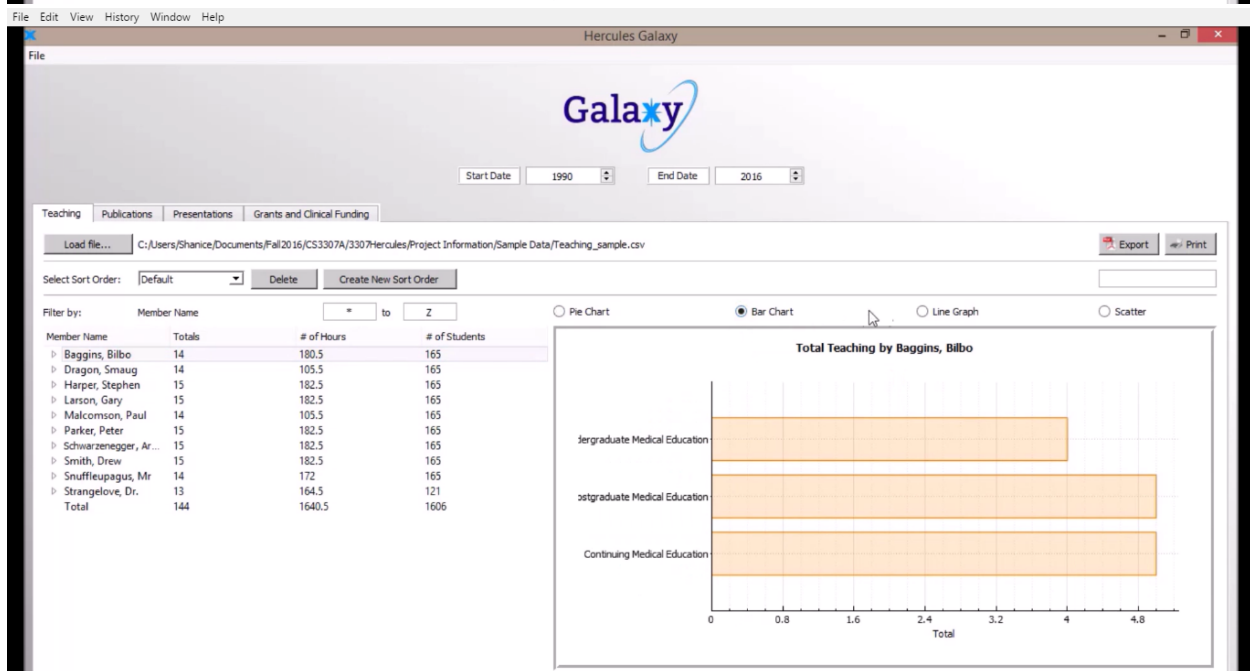
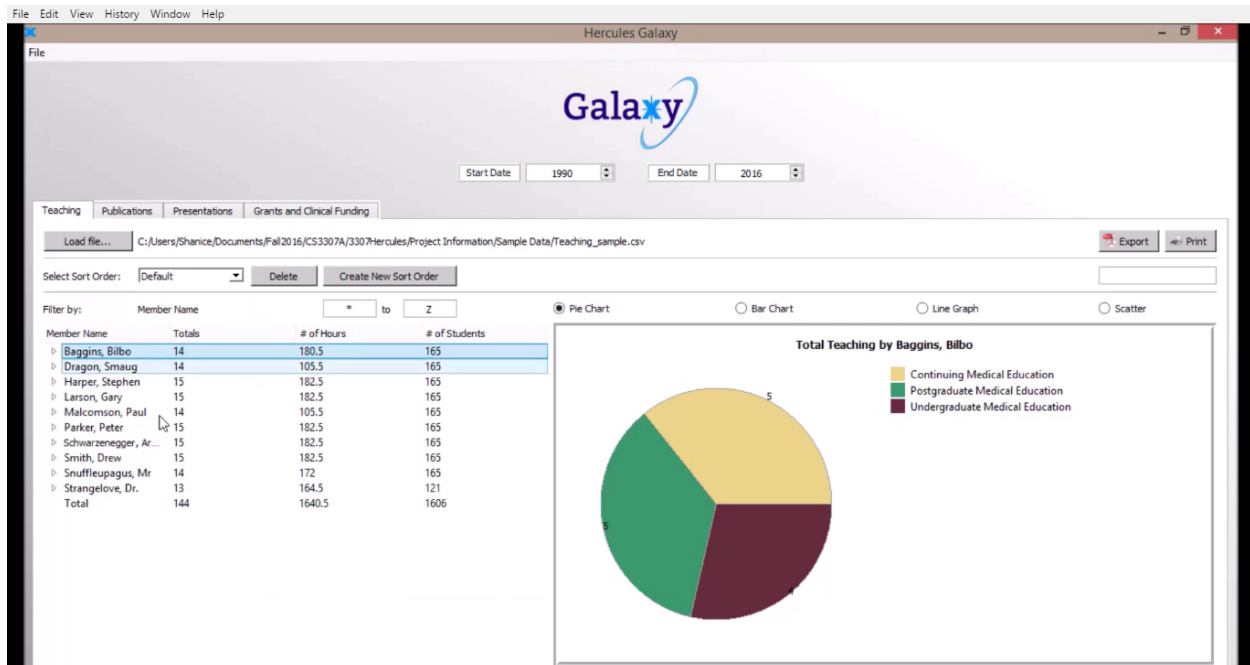
The user can also search specific names in the data on the main window by using the textbox to the right.

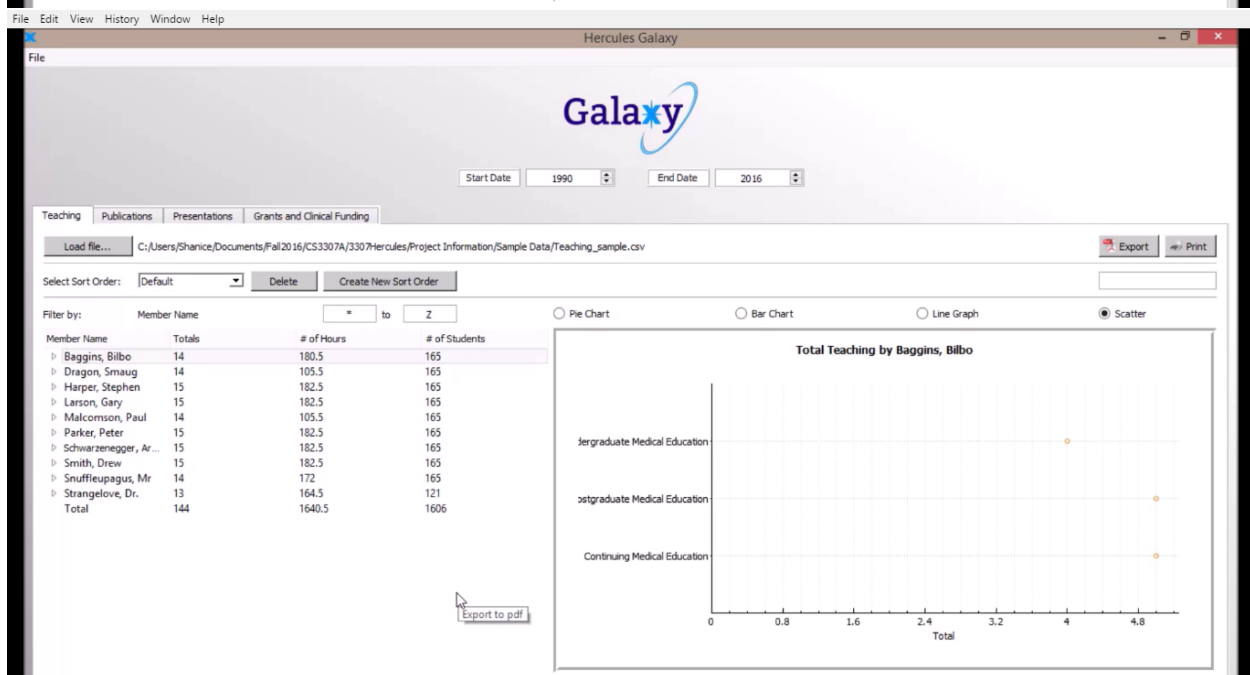
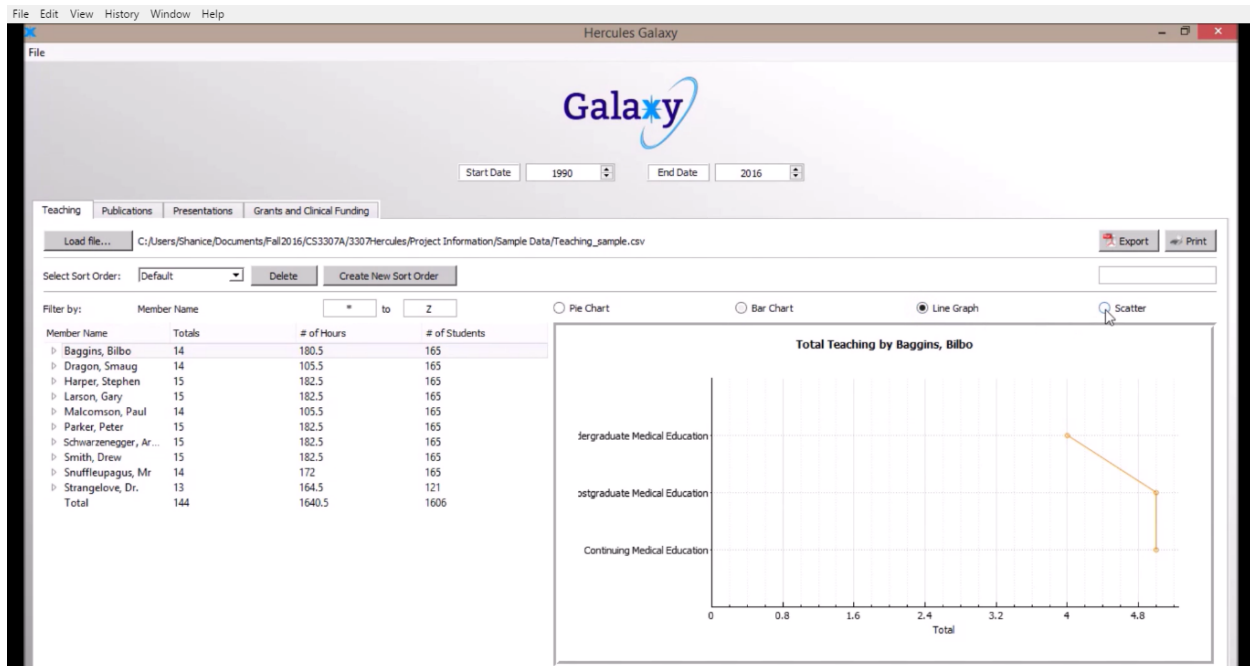
Upon exiting the application session state is retained.

# Scenarios

## Scenario 1: Viewing a graph

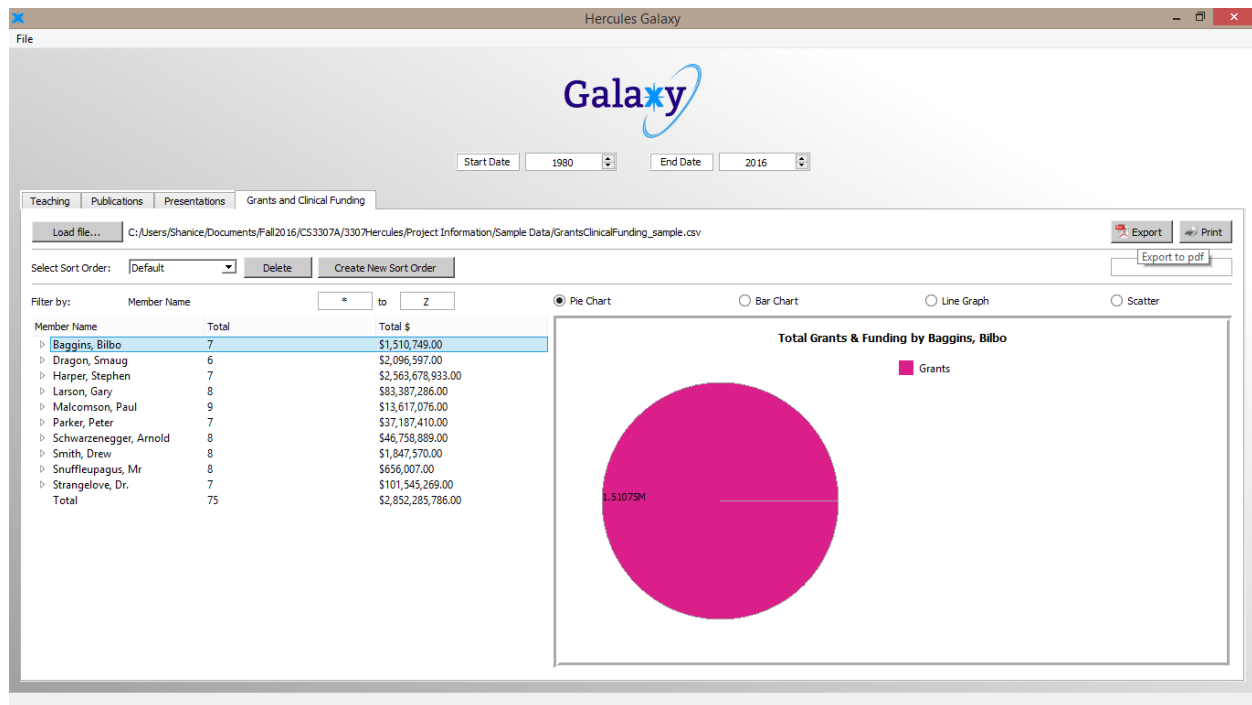
There are four graph-types that the user can view member information through. By filling in the bubble of the graph that the user is interested in, the user can view information in the graph-type they select.





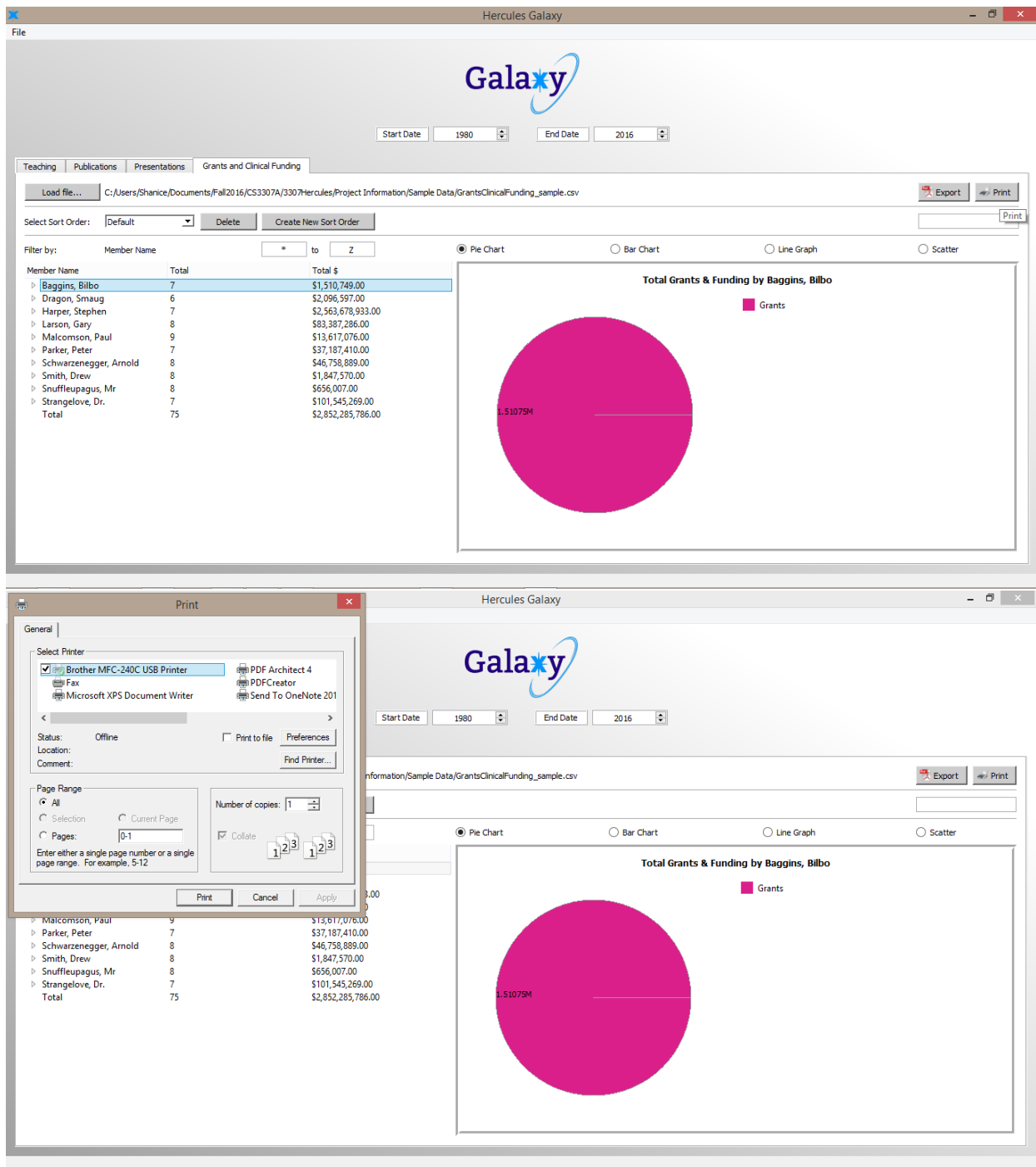
## Scenario 2: Exporting a graph into PDF

By pressing the “Export” button, a user can export the graph type they have selected in the graph viewer, as a pdf.



### Scenario 3: Printing a graph

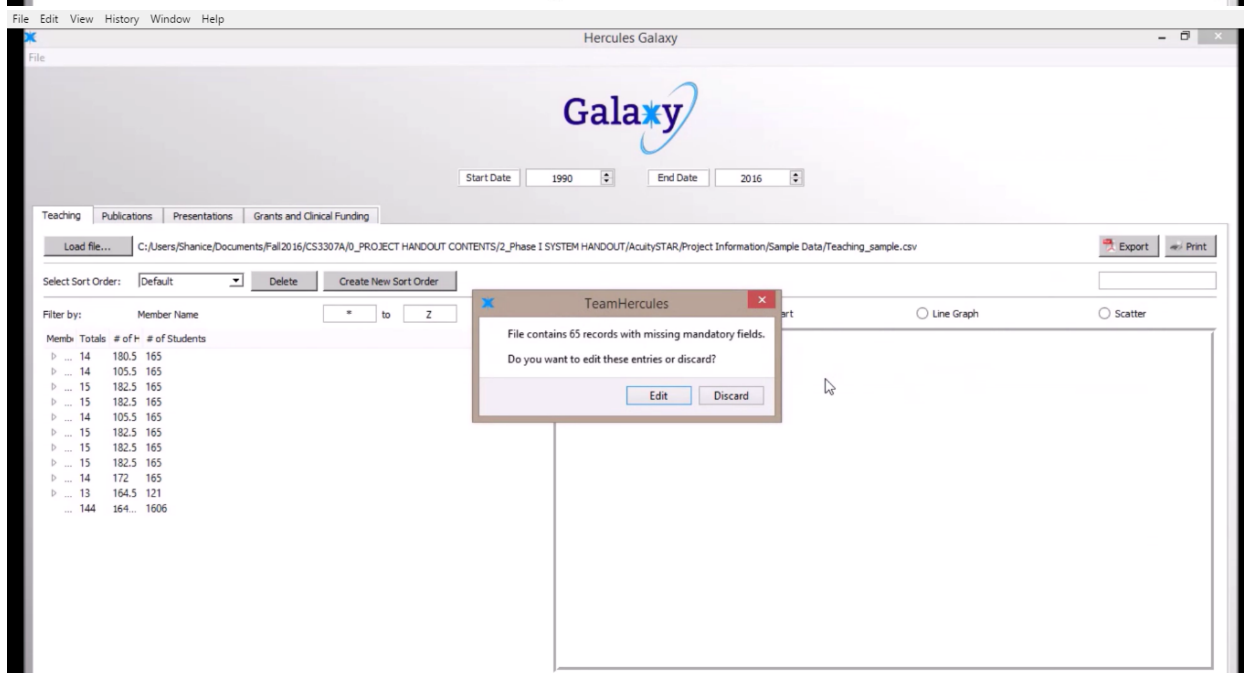
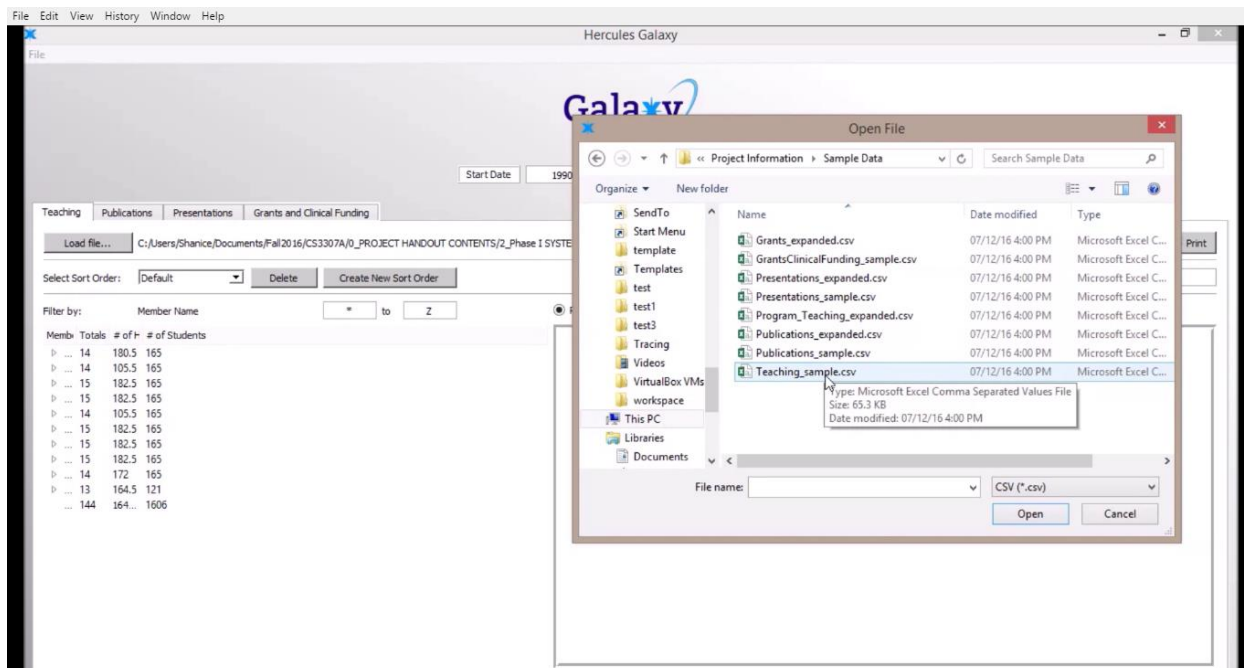
By pressing the “Print” button, a user can print the graph type they have selected in the graph viewer.



#### Scenario 4: Loading a CSV file

If the user presses the “load file” button, and selects the CSV file associated with the panel the user is on, the user can load a CSV file into the application. The user will then encounter a dialog box that allows the user to modify missing mandatory fields. Otherwise, the user can continue with fields missing by pressing “discard”. The dialog box will also display the number of errors in the uploaded file. The user can edit fields in the next panel that appears, and add information in the file. Furthermore, there are “next” and “previous” buttons that allow the user to navigate through all the errors. If the user presses

“save” the changes made will be saved and the modified data will be displayed in the main window. The “cancel” buttons removes all changes, and the existing information is displayed in the main window.





File Edit View History Window Help

Hercules Galaxy

Galaxy

Teaching Publications Presentations

Load file... C:/Users/Sharice/Documents

Select Sort Order: Default

Filter by: Member Name

Member	Totals	# of H	# of Students
...	14	180.5	165
...	14	105.5	165
...	15	182.5	165
...	15	182.5	165
...	14	105.5	165
...	15	182.5	165
...	15	182.5	165
...	14	172	165
...	13	164.5	121
...	144	164	1606

Edit Erroneous Fields

Record Info	Last Modified Use	Last Modified Date	ID	Member Name	Primary Domain	Start Date	End
1 1	Malcomson, Paul	2/6/2015 1:04:4...	76614	Malcomson, Paul	Medical Imaging		
2 1	Malcomson, Paul	2/6/2015 1:04:1...	76615	Malcomson, Paul	Medical Imaging		
3 1	Malcomson, Paul	11/17/2014 11:1...	68190	Malcomson, Paul	Medical Imaging	1999	2014/01/
4 1	Malcomson, Paul	3/23/2015 1:46...	80966		Medical Imaging	2010/07	2014/05/
5 1	Commisso, Ste...	6/5/2015 12:04...	83740	Malcomson, Paul	Medical Imaging	2014/11	2000/05
6 1	Malcomson, Paul	6/9/2015 9:41:0...	83742	Malcomson, Paul	Medical Imaging	2014/11	1999
7 2	Malcomson, Paul	2/6/2015 1:04:4...	76614	Dragon, Smaug	Medical Imaging		
8 2	Malcomson, Paul	2/6/2015 1:04:1...	76615	Dragon, Smaug	Medical Imaging		
9 2	Malcomson, Paul	11/17/2014 11:1...	68190	Dragon, Smaug	Medical Imaging	1999	2014/01/
10 2	Malcomson, Paul	3/23/2015 1:46...	80966		Medical Imaging	2010/07	2014/05/
11 2	Commisso, Ste...	6/5/2015 12:04...	83740	Dragon, Smaug	Medical Imaging	2014/11	2000/05
12 2	Malcomson, Paul	6/9/2015 9:41:0...	83742	Dragon, Smaug	Medical Imaging	2014/11	1999

Errors Previous Next Save Cancel

Export Print

Scatter