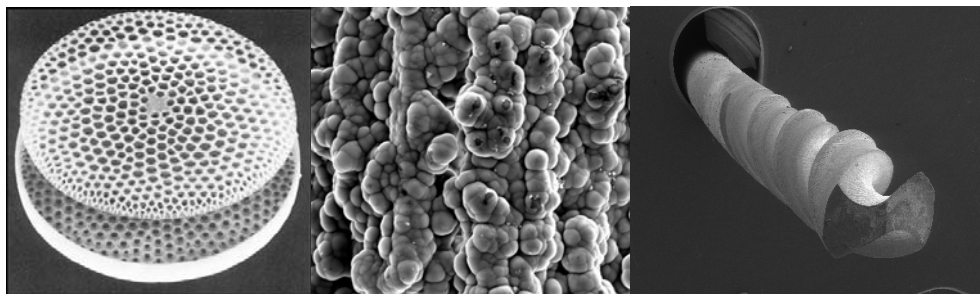


# SCANNING ELECTRON MICROSCOPE



## DIGITAL IMAGE COMPETITION

SPONSORED BY SCIENTIFIC TECHNICAL SERVICES

### WWU Student SEM Image Competition Information

**ALL ENTRIES MUST BE RECEIVED BY FRIDAY MAY 15<sup>th</sup> at 5:00 pm**

#### **Training Workshops:**

All first time Scanning Electron Microscope users must attend a training workshop. A link to workshop dates, times, and sign up sheets is at [www.wwu.edu/scitech/sem-competition/index.shtml](http://www.wwu.edu/scitech/sem-competition/index.shtml). All training workshops will be held in ES314. You must attend the full 2 hour training. If you cannot make the scheduled workshops special arrangements can be made.

#### **Categories:**

##### **A: Unaltered Images from the WWU SEM**

Images submitted to this category must be your own original work from the WWU SEM. Images submitted to this category should still have the footer present (the white box at the bottom of the image with SEM magnification, scale bar, etc.). Images must be mounted according to the Mounting Instructions included in this packet.

##### **B: Altered Images from the WWU SEM**

Entries in this category must include a WWU SEM image that has been manipulated in some way. Use your imagination! The base SEM image used does not need to be your own work but **must be from the WWU SEM**. You cannot use images found on the internet. Images are available on the WWU server at S:\ILN\STS\SEM Image Competition. Entries in this category must be ready for display. If you are submitting a print, you may use a mounting of your choice or mount the print according to the Mounting Instructions for Category A Images included in this packet.

#### **Exhibition/Awards:**

All entries will be displayed at the University Scholars Poster Session in the Library Presentation Room on Thursday & Friday May 21<sup>st</sup> & 22<sup>nd</sup>. Selected entries will be featured in an exhibit at Mindport in downtown Bellingham. The Mindport exhibit will be in June, exact dates are to be determined. Selected entries will also be featured in the Scientific Technical Services' Scanning Electron Microscope Calendar.

Awards will be given for the following:

#### Category A

- 1<sup>st</sup> place judges award (\$50 gift card to the AS Bookstore)
- 2<sup>nd</sup> place judges award (\$25 gift card to the AS Bookstore)
- 1<sup>st</sup> place judges technical merit award (\$50 gift card to the AS Bookstore)

#### Category B

- 1<sup>st</sup> place judges award (\$50 gift card to the AS Bookstore)
- 2<sup>nd</sup> place judges award (\$25 gift card to the AS Bookstore)

#### Peoples Choice Award

- 1<sup>st</sup> place award (\$50 gift card to the AS Bookstore)
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### **Judging:**

1<sup>st</sup> and 2<sup>nd</sup> place judges' awards will be selected solely on aesthetic qualities. 1<sup>st</sup> place judges technical merit award will be selected on the technical aspects (magnification, type of material, working distance, detector, etc.) of the micrograph. The Peoples Choice award will be given to the one entry that receives the most votes during the Scholars Week exhibition.

### **Frequently Asked Questions:**

#### **What resolution/screen size should I use when saving my image?**

Images must be saved at a minimum resolution/screen size of 1024 X 768 pixels and at an appropriate scan speed.

#### **Where can I get supplies for mounting and printing?**

Supplies for the SEM Image Competition are available in ES 508 M-F 9:00 am-4:30 pm. Supplies include photo paper for printing and an 15" x 20" black mounting board.

#### **Where can I go print of my SEM micrograph?**

You can print your image at the Student Technology Center (Haggard Hall 121, (360) 650-4300 [www.wvu.edu/techcenter](http://www.wvu.edu/techcenter)). The printing will come out of your quarterly printing allowance of 500 black and white prints/quarter.

#### Student Technology Center Hours

Mon-Thurs: 8am-8pm

Friday: 8am-4pm

Sunday: 4am-8pm

#### **How many images can I submit to the competition?**

Each participant may enter a maximum of 2 images.

#### **How do I get more information about the competition?**

You can request further information about the competition by contacting SciTech via email at [SciTech@WVU.EDU](mailto:SciTech@WVU.EDU) or by calling Erin Macri at 650-3511.

# Guidelines for Category A: Unaltered Images

**An example submission is posted outside of ES 508 and outside the SEM room (ES 314)**

Images submitted to this category must be your own original work from the WWU SEM. Images submitted to this category should still have the footer present (the white box at the bottom of the image with SEM magnification, scale bar, etc.). Images must be mounted according to the Mounting Instructions. Images must be saved at a minimum resolution/screen size of 1024 X 768 pixels.

## **Submission Guidelines:**

- Submit entry to ES508 by Friday May 15<sup>th</sup>, 2008 at 5:00 pm.
- Each contestant must submit an **electronic version AND a mounted 8.5" x 11" print** of entry.
- A completed entry form must accompany **each** 8.5" x 11" submission.

## **Requirements for Electronic Submission:**

- Save your image as a high resolution TIFF or JPEG.
- Email electronic submissions to [SciTech@wwu.edu](mailto:SciTech@wwu.edu). Please include **SEM Image Comp** in subject line. Include your name, department and description/explanation of your image in the text of the email.

The file name must contain the first and last name of the contestant and the category you are submitting the image for.

### Example

Sally\_Scope\_A.TIFF

In this example Sally Scope is submitting her image in the Unaltered Image category.

## **Requirements for Print Submission:**

- Go to the Student Technology Center (HH 121) to print your image. Use the photo paper provided.
- Print a brief description of your entry on the paper provided; include your name, department and description/explanation of your image.
- Mount your submission (image and description) on 15"x 20" black mount board (provided by SciTech).
- Fill out and submit the entry form.

# Guidelines for Category B: Altered Images

Entries in this category must include a SEM image that has been manipulated in some way. Use your imagination! The base SEM image used does not need to be your own work but **must be from the WWU SEM**. You cannot use images found on the internet. Images are available on the WWU server at S:\ILN\STS\SEM Image Competition. Entries in this category must be ready for display. If you are submitting a print, you may use a mounting of your choice or mount the print according to the Mounting Instructions for Category A included in this packet.

## Submission Guidelines:

- Submit entry to ES508 by Friday May 15<sup>th</sup>, 2008 at 5:00 pm.
- Each contestant must submit an **electronic version AND a display-ready piece**.  
*Contact SciTech if you are unable to submit an electronic version of your work.*
- A completed entry form must accompany submission.

## Requirements for Electronic Submission:

- Save your image as a high resolution TIFF or JPEG.
- Email electronic submissions to [SciTech@wwu.edu](mailto:SciTech@wwu.edu). Please include **SEM Image Comp** in subject line. Include your name, department and description/explanation of your image in the text of the email.

The file name must contain the first and last name of the contestant and the category you are submitting the image for.

### Example

Sally\_Scope\_B.TIFF

In this example Sally Scope is submitting her image in the Altered Image category.

## Requirements for Submission:

- Your entry must be ready for display.
- If you are submitting a print, you may mount it on a 15" x 20" black mount board (provided by SciTech) or use a mounting of your choice.
- Print a brief description of your entry on the paper provided; include your name, department and description/explanation of your image.
- Fill out and submit the entry form.