**Leica S6 D Stereomicroscope**

**User Guide**

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**Operation of the Stereo Microscope and Camera**

1. Turn on computer. There is no password for the PC. Be sure to sign in on the sign in sheet.
2. Turn on the light source at the base of the microscope, and adjust light intensity and light source as needed.
3. Position your sample under the scope.
4. Focus on your sample using the knob on the right side of the microscope (microscope unit will move up or down, depending on the direction).
5. Open the AMScope MT program on the desktop of the computer (click Yes if a warning window comes up).
6. Click the microscope image “Video”. A window will open with your image there. You can change lighting, focus, and sample positioning as above to adjust to the camera.
7. Preview speed can be changed to high speed or low speed. Also, the Property tab at the bottom can be used to adjust the exposure, gain, gamma, contrast, saturation, etc, to get the best image.
8. To take a picture, click on the “Snap” button. Save in an appropriate location with the correct file name.
9. To record a video of your imaging, click Start Video, choose a file name.
10. To shut down the microscope, turn off the computer and the haloid lamp. Be sure the area is neat and cleaned up before you leave.

**Note:** This User Guide can serve as a guide to general use of the instrument. However, in the event that you encounter trouble, need more information, or require assistance, contact Amy (email: areplogle@pugetsound.edu; location: Room 117H, Thompson Hall; phone: 253-879-2829) or refer to the manual for the instrument or software.