
Applying the Science Group Photoshop filter

Appplying the Photoshop filter

To automate the process to some degree, we use a pre-saved 'Action' file called 'Science_Group.atn' to apply a set sequence of filters. This gives a filter that will work for many instances, and that could now be more finely adjusted if required (see pages 8–10).

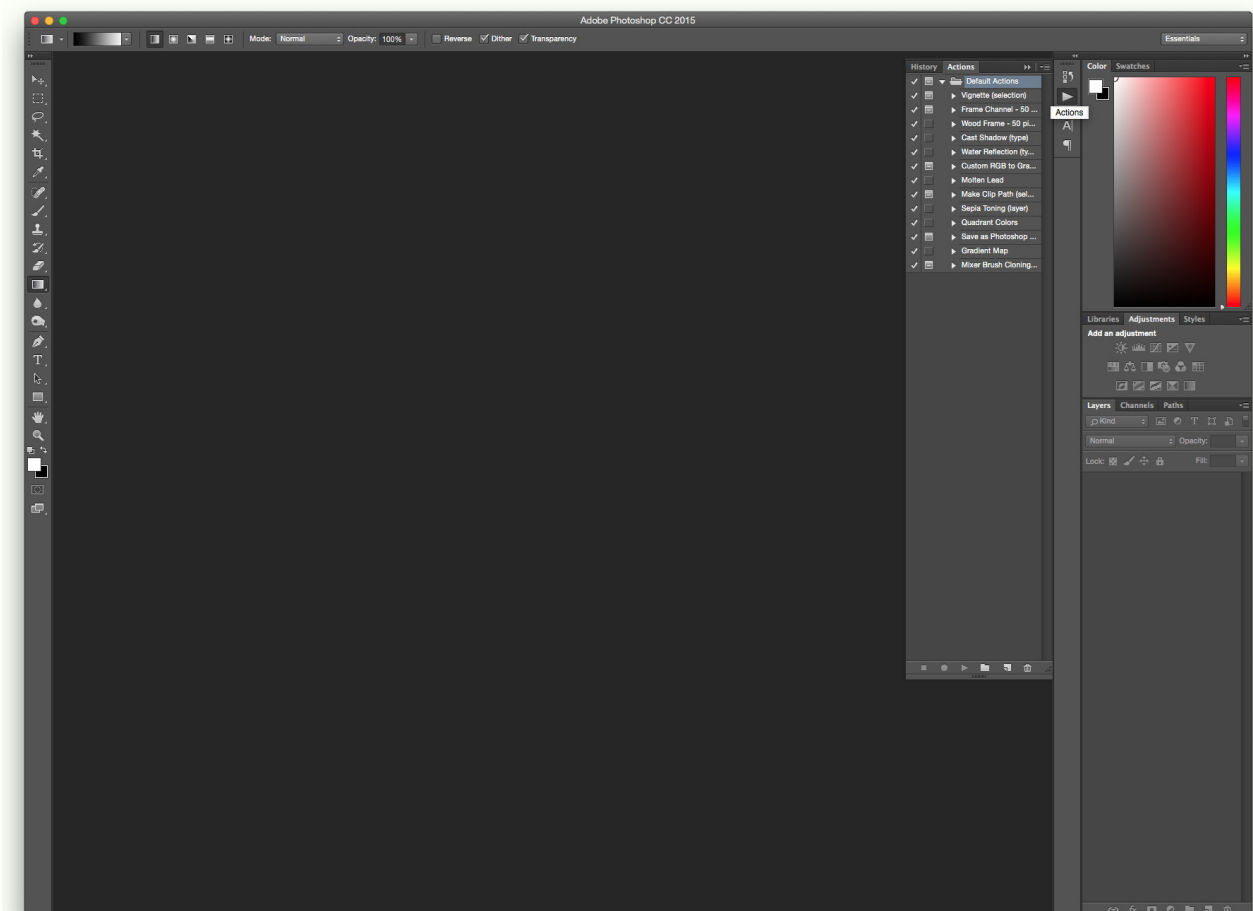
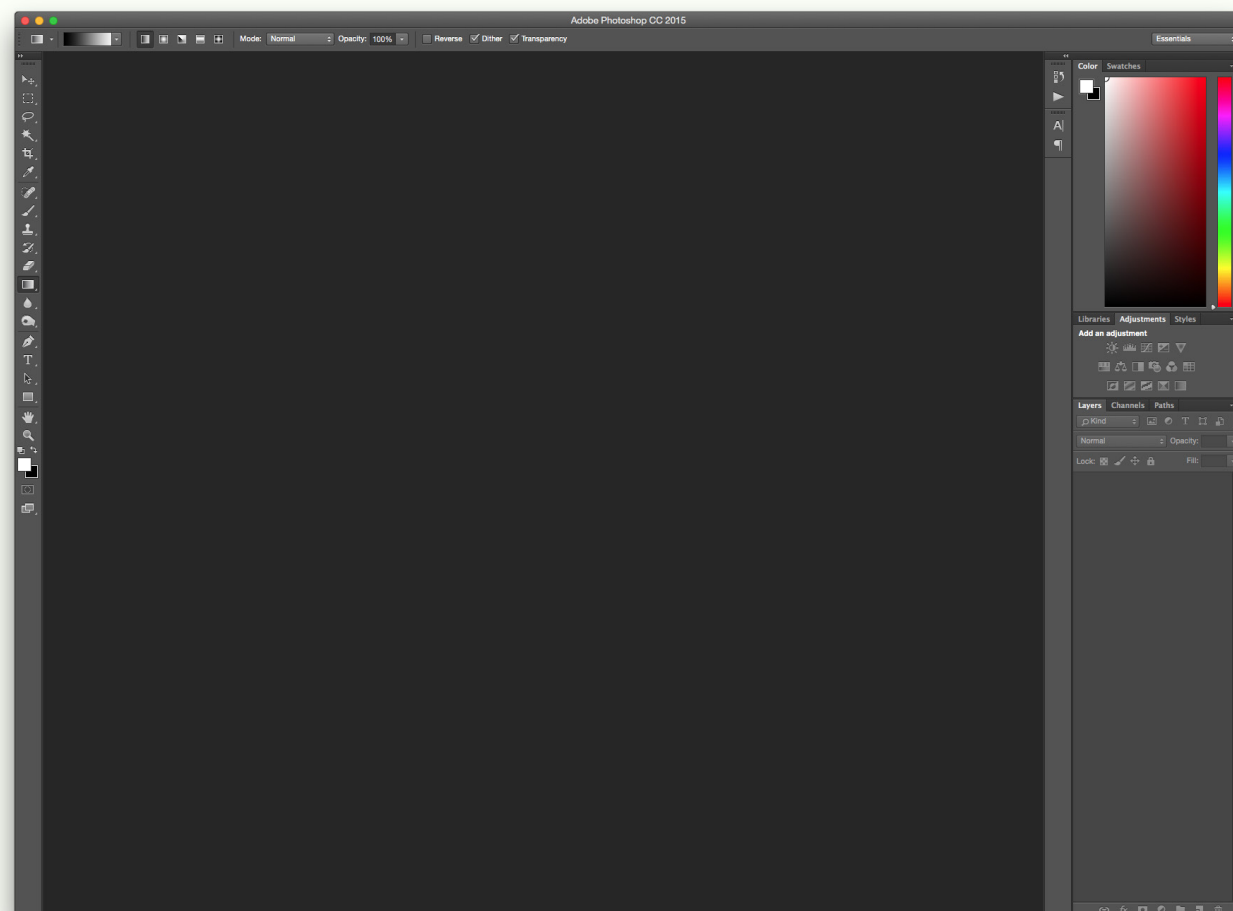
1

Open Photoshop.

2

Open the 'Actions' window.

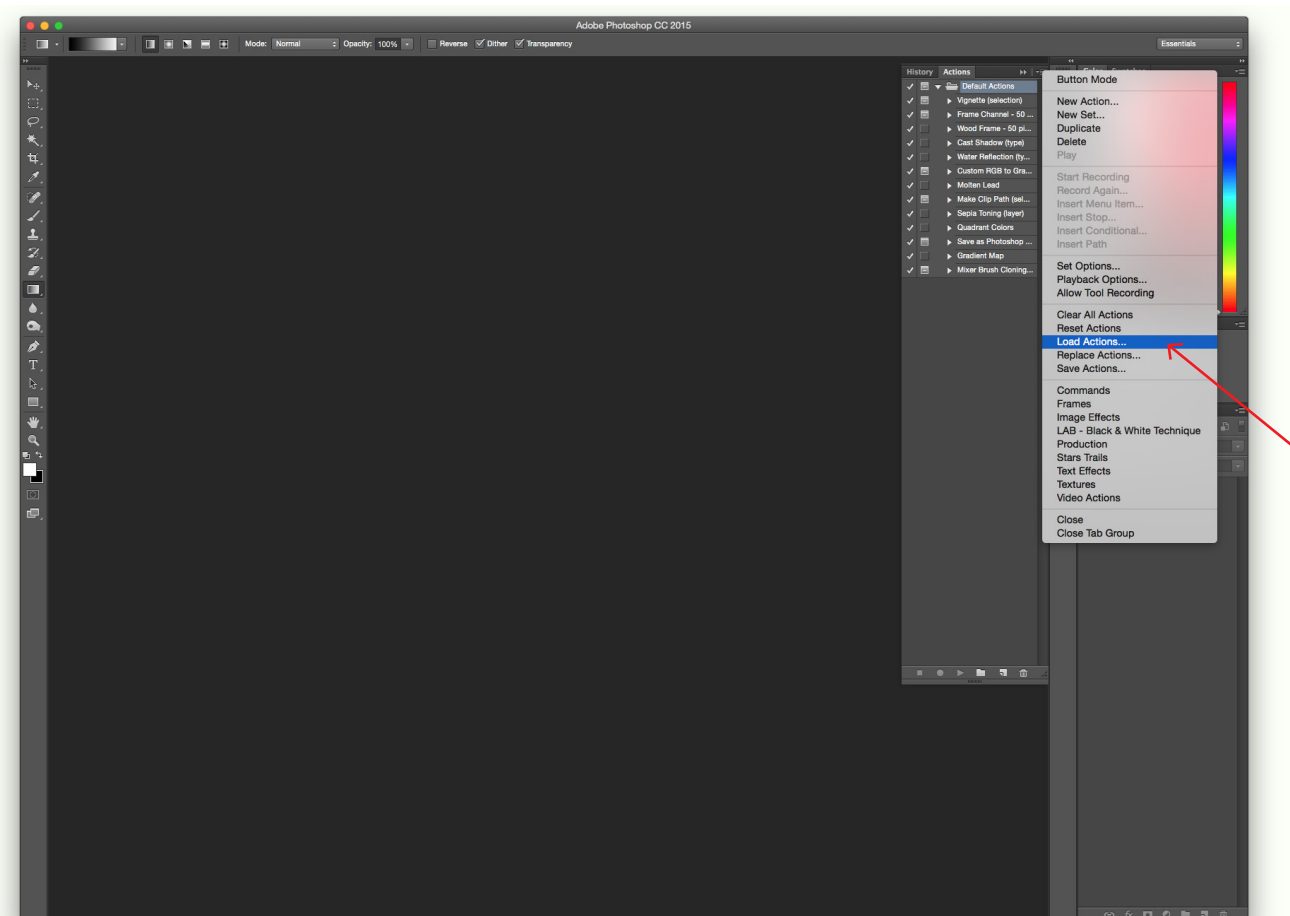
This can be done either through the side panel or the 'Window' top menu.



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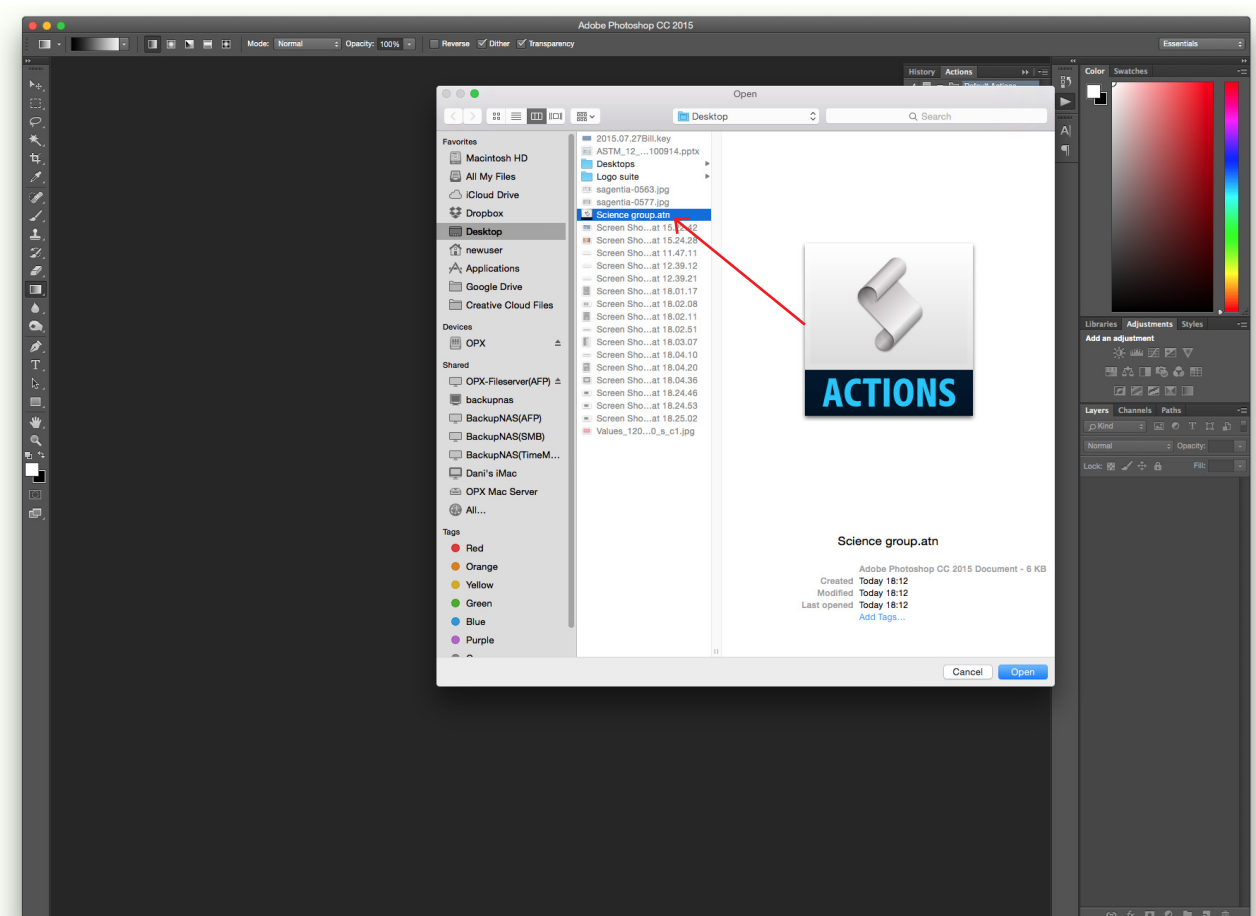
3

Select 'Load Actions'.



4

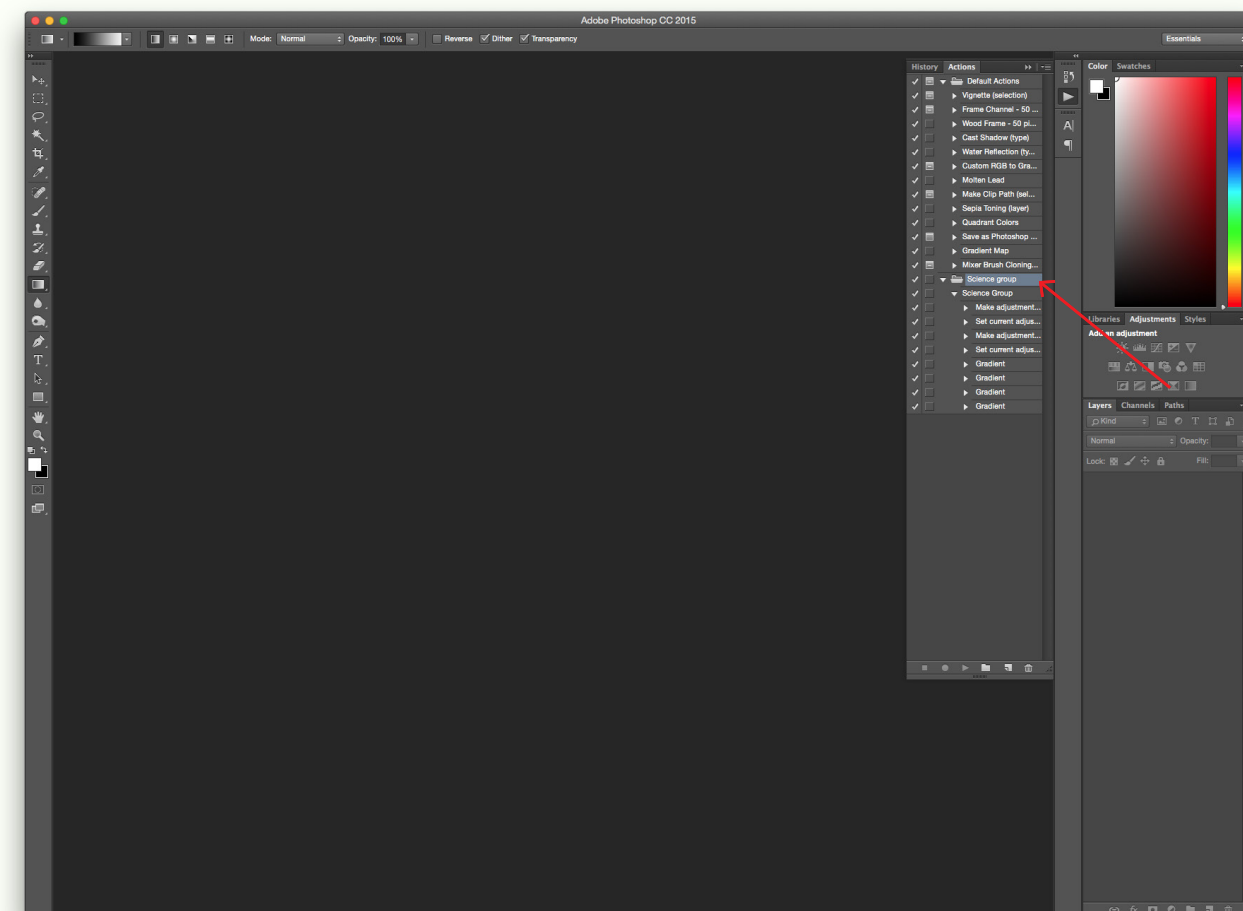
Select the 'Science_Group.atn' file.



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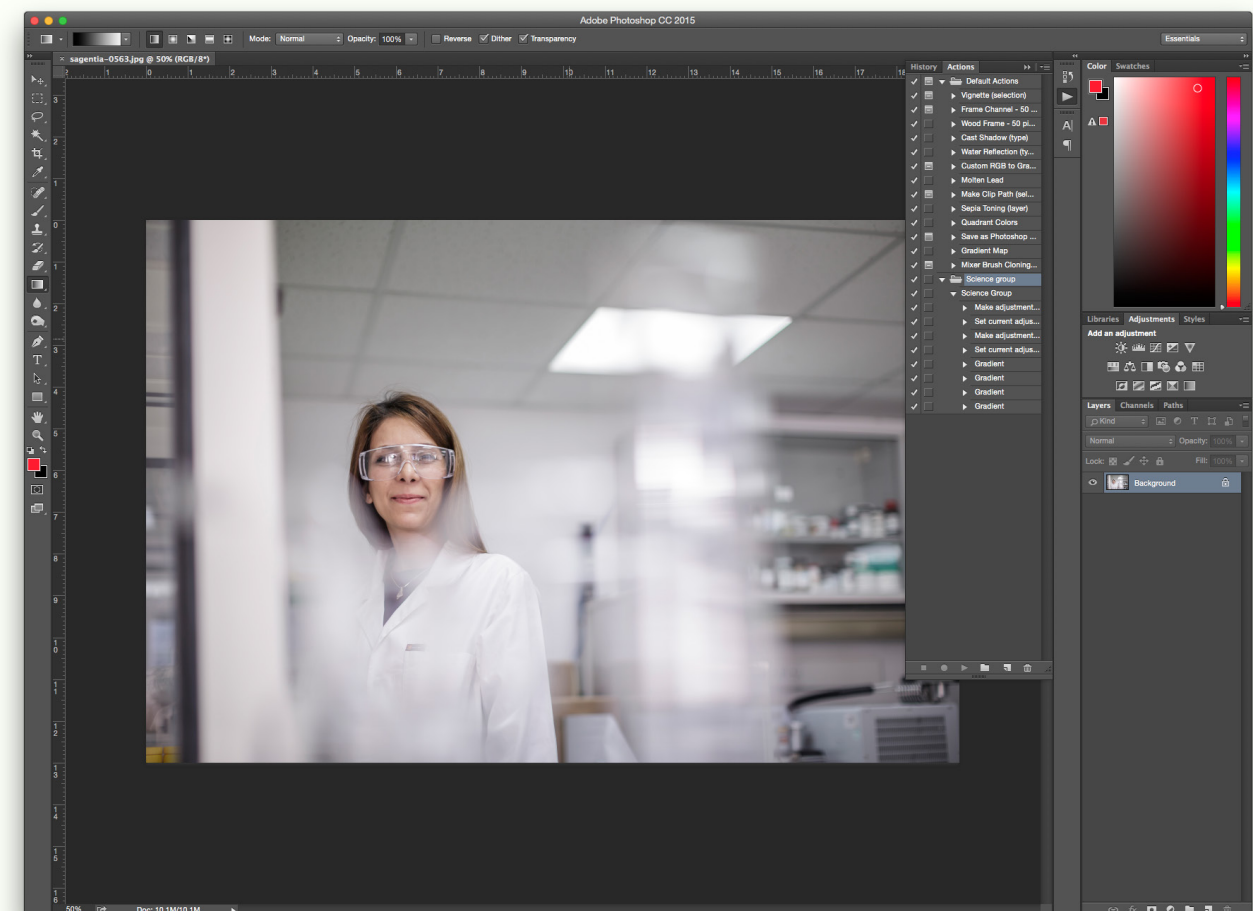
5

The file is then embedded in your Actions for you to apply to an image later.



6

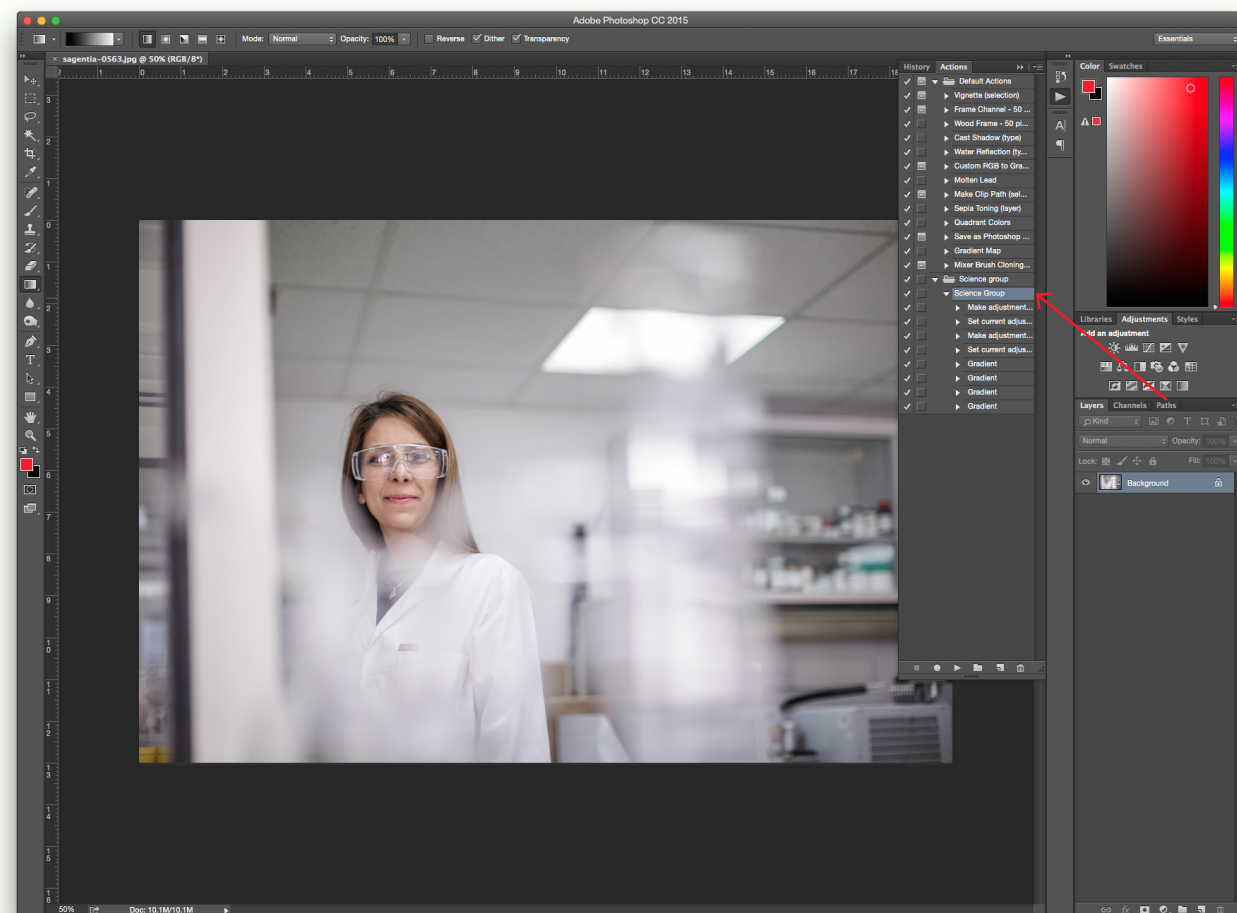
Now bring your image into Photoshop.



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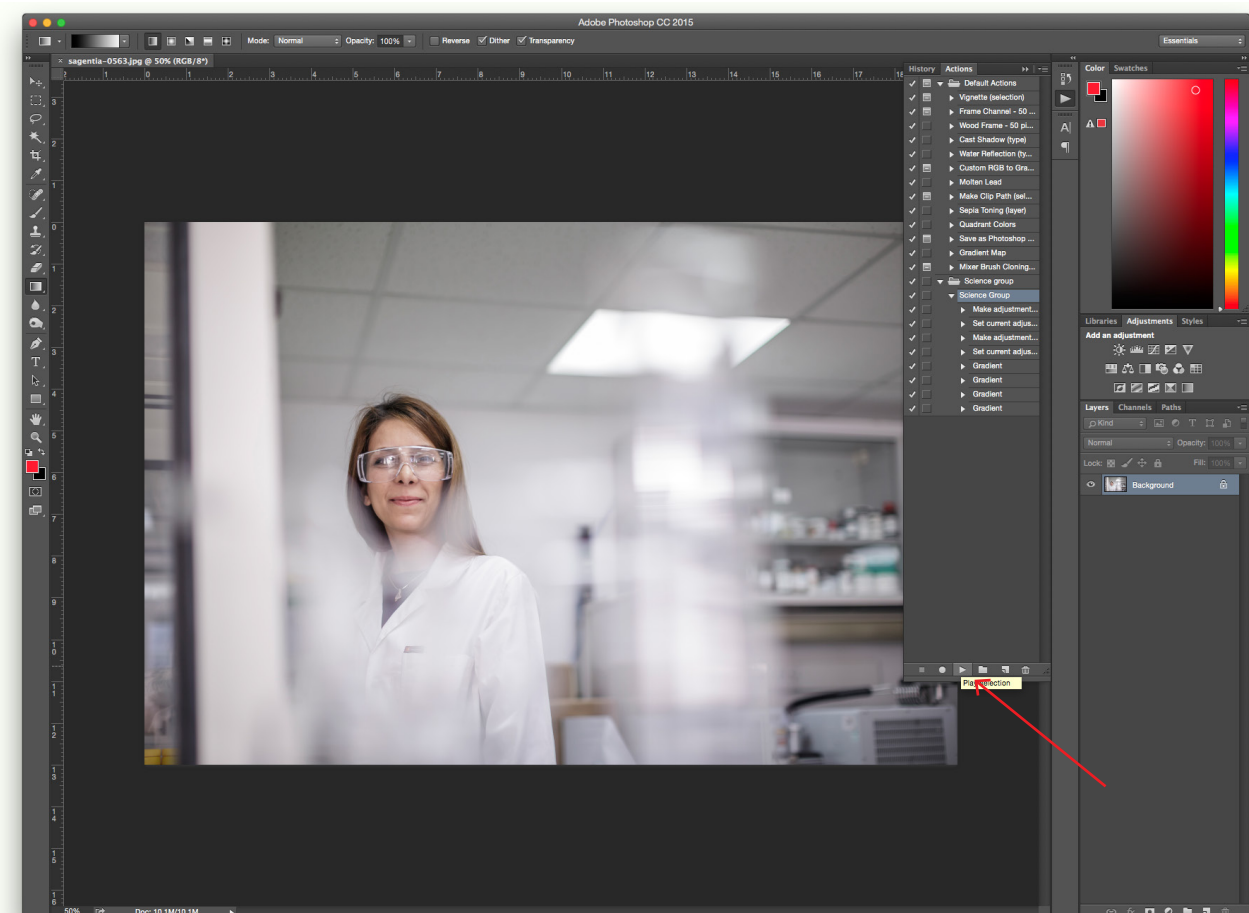
7

Select the 'Science Group' action indicated.



8

'Play' the action to apply the sequence of embedded filters within that action.



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9

The atn file creates an image with the 'Science Group' filter applied.

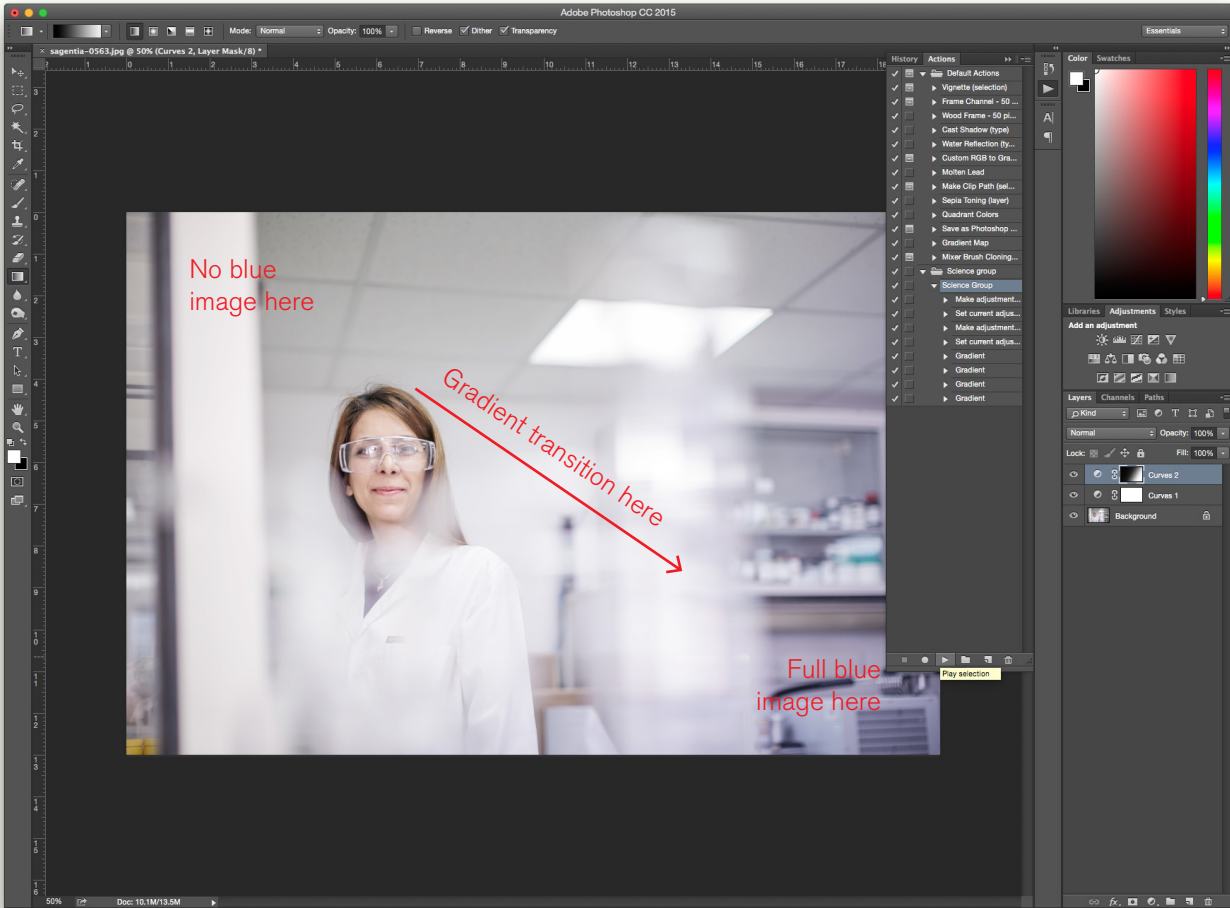
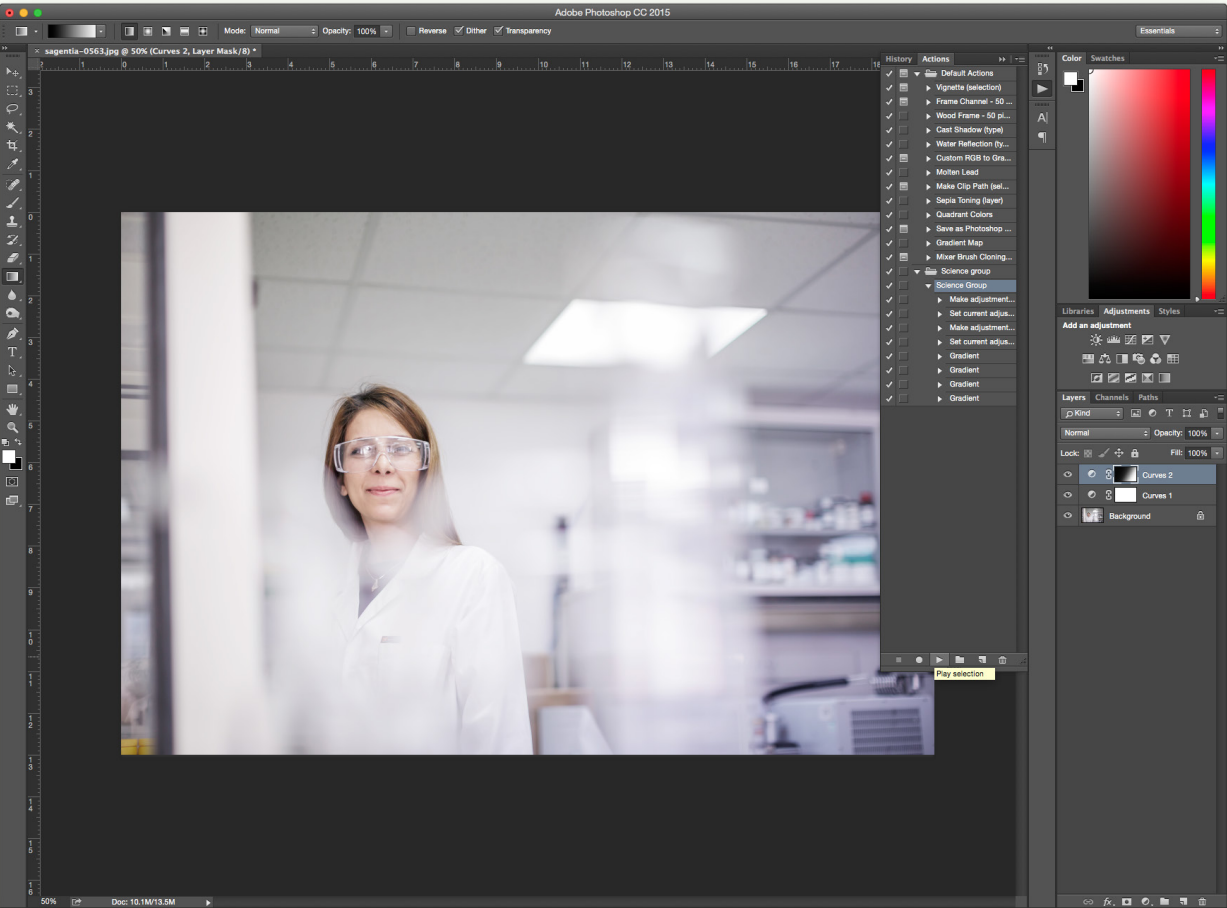
The action has created two layers over the background image.

Curve 1 is the lightening and opening out of the original image.

Curve 2 is the layer above that where the blue of the RGB is increased in its 'Curves'.

The embedded action has also applied a gradient so that the blue layer is faded out diagonally from the top left to the bottom right.

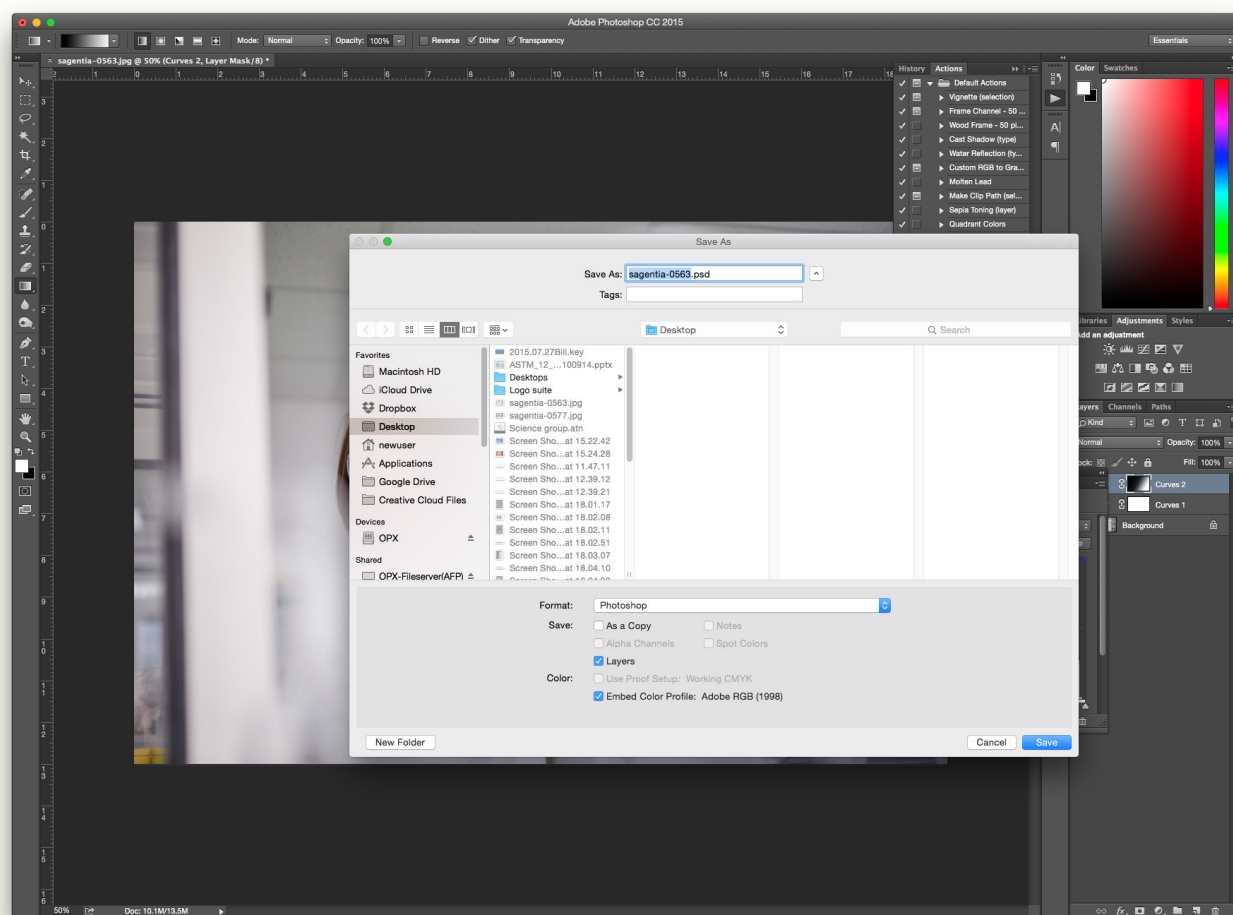
The final effect is therefore made up of the combination of the bluer image fading in from the top left over the lightened image below.



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10

Save the file as a Photoshop 'psd' so that the layers are retained for adjustment if required. Having saved a master file with the layers in tact, you can then save in the format you require.

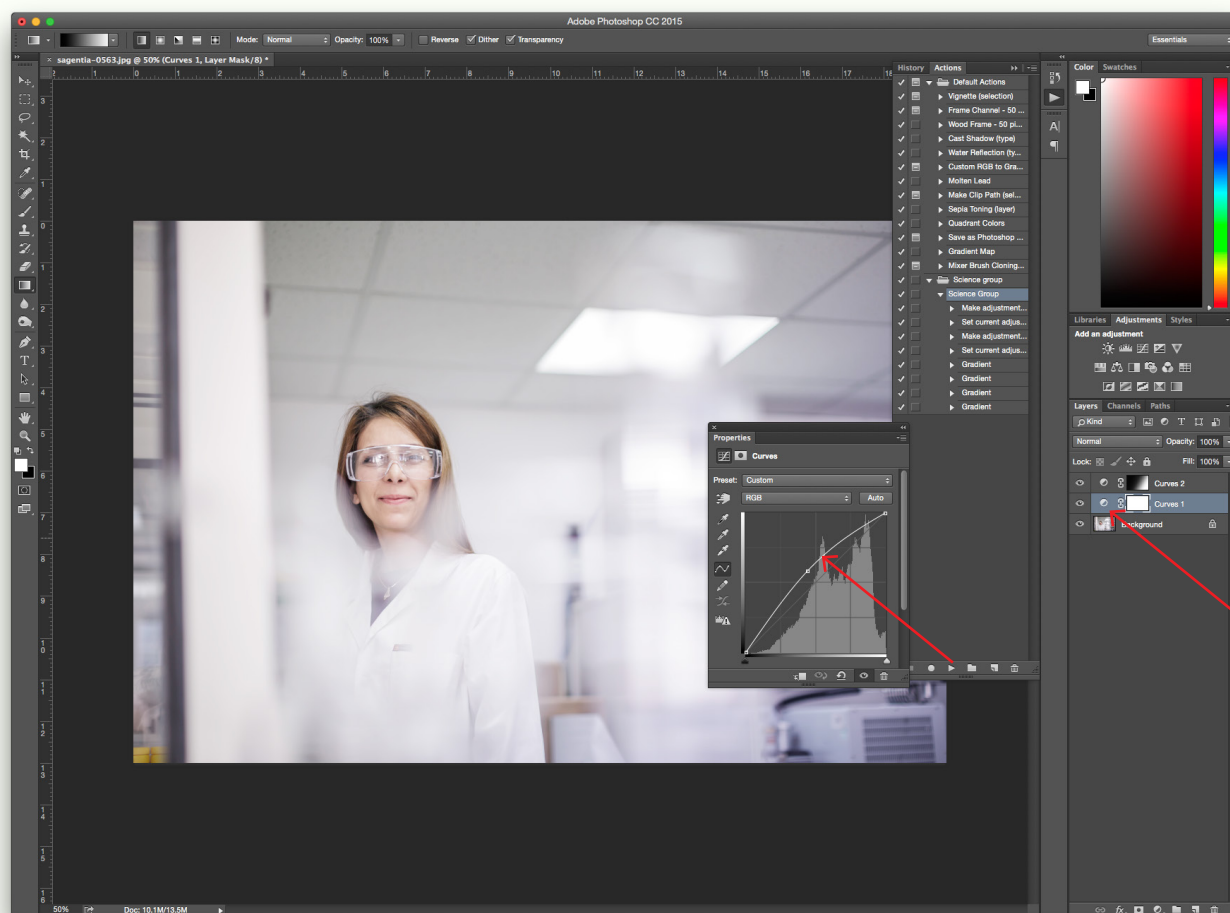


Adjusting Curve 1 to achieve a different 'neutral' image

Many Science Group images are slightly dark especially when we are looking to achieve a lighter, whiter effect. The curve that has been set up in the 'atn' file reflects this. If you want to increase or reduce the amount that the image is opened up, adjust the curve.

1

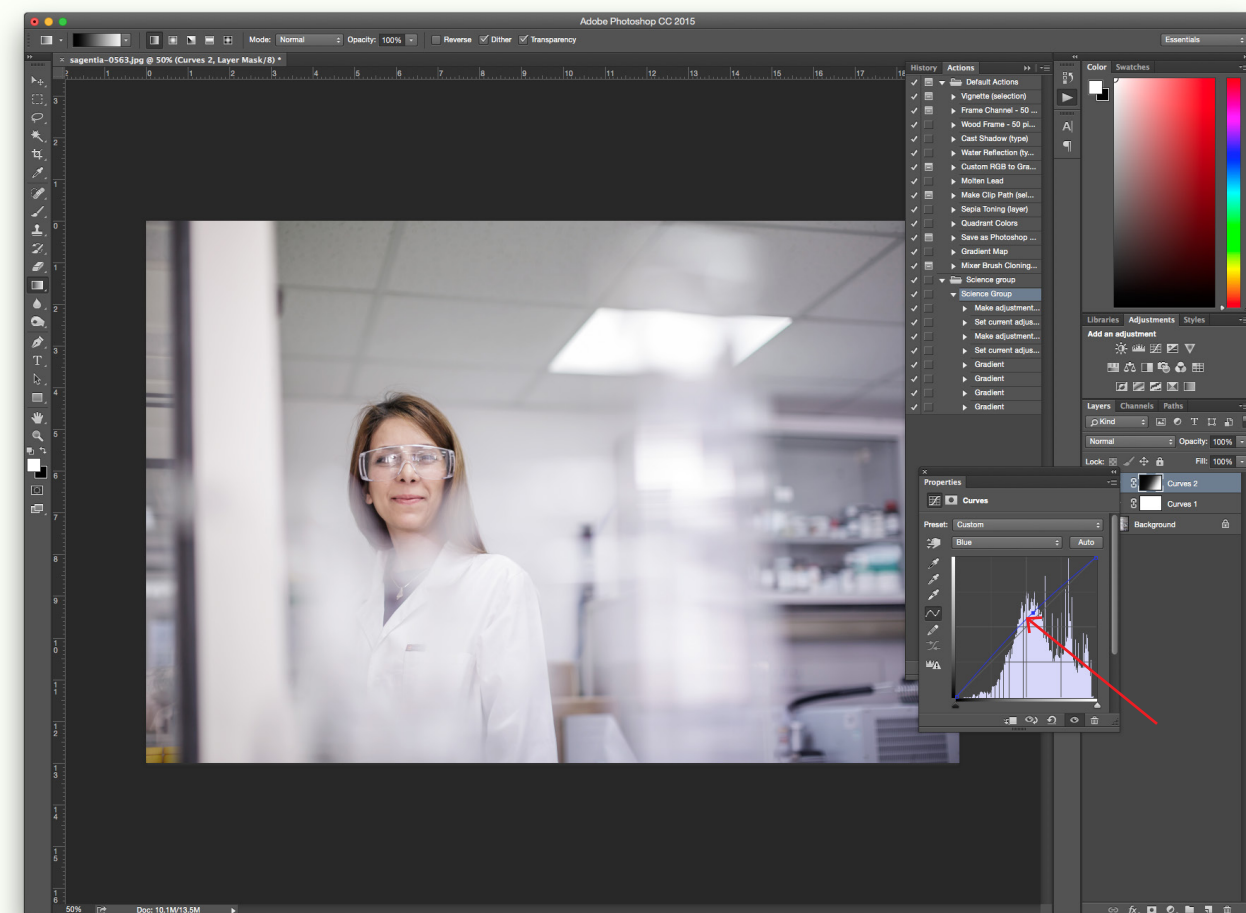
Double click on the circle indicated to show the 'Curves' window. Adjust the curve indicated as required.



Adjusting Curve 2 to achieve a different 'blue' image

1

Double click on the circle in 'Curve 2' to show the 'Curves' window. Adjust the blue curve indicated as required.



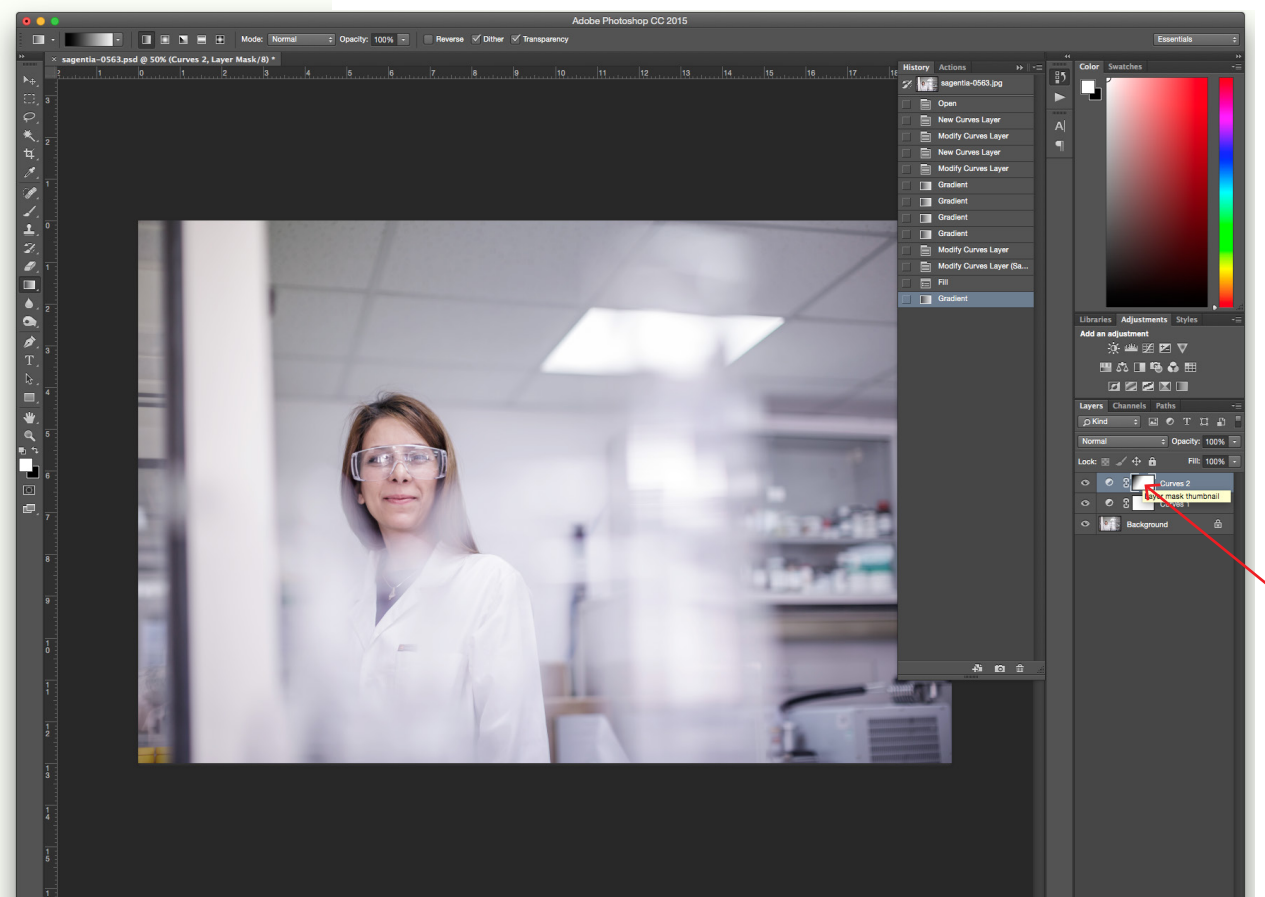
Adjusting the gradient for the 'blue' Curve 2 layer

The 'atn' file gives an average combination of the blue and neutral image layers. However, you may need to adjust the amount of blue on the image because of the image itself or the crop you need.

In this case, you need to delete the gradient by filling the layer mask with white, and then redrawing the gradient that controls the blue layer using the 'Gradient' tool.

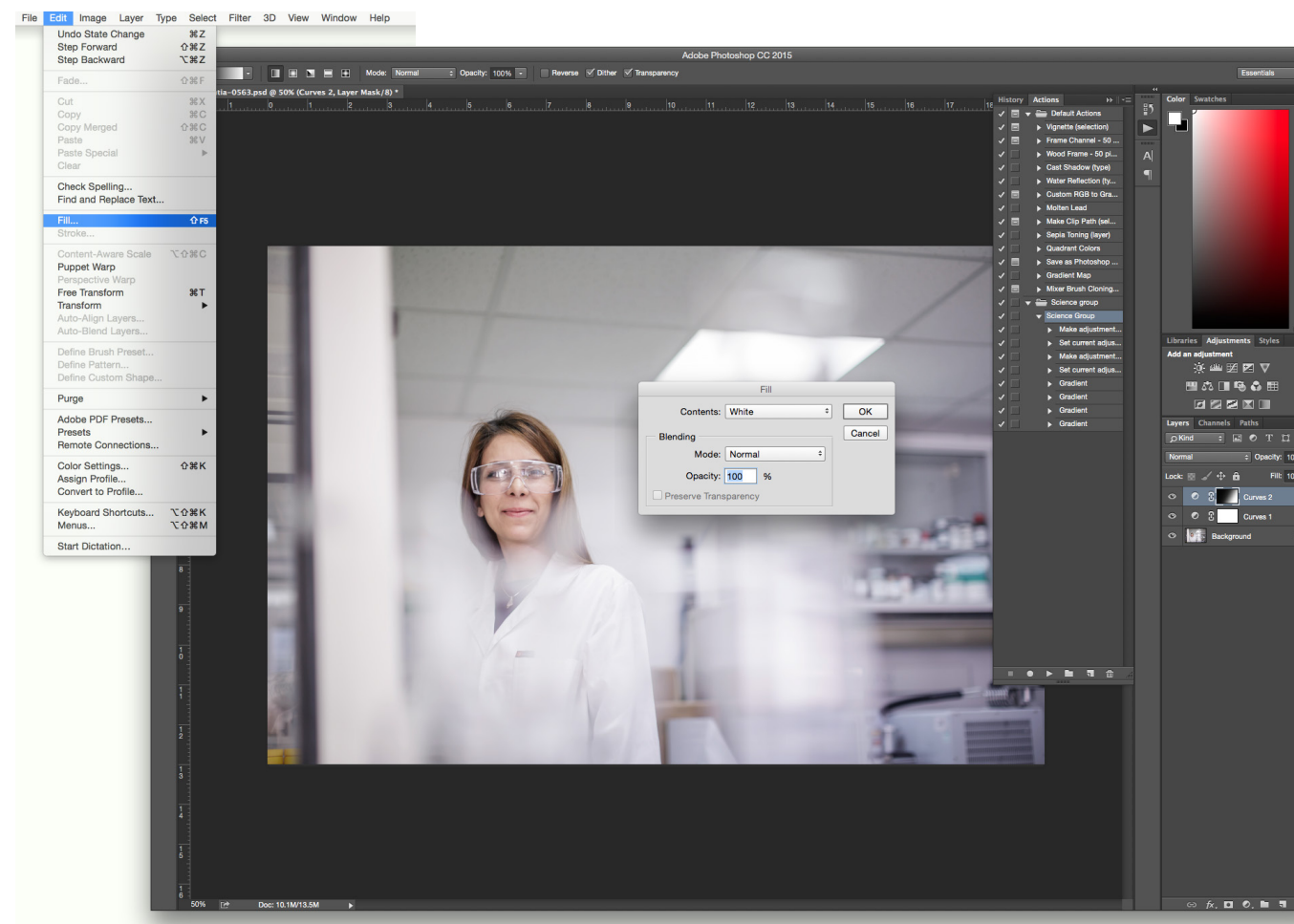
1

Double click on the box indicated showing the gradient within.



2

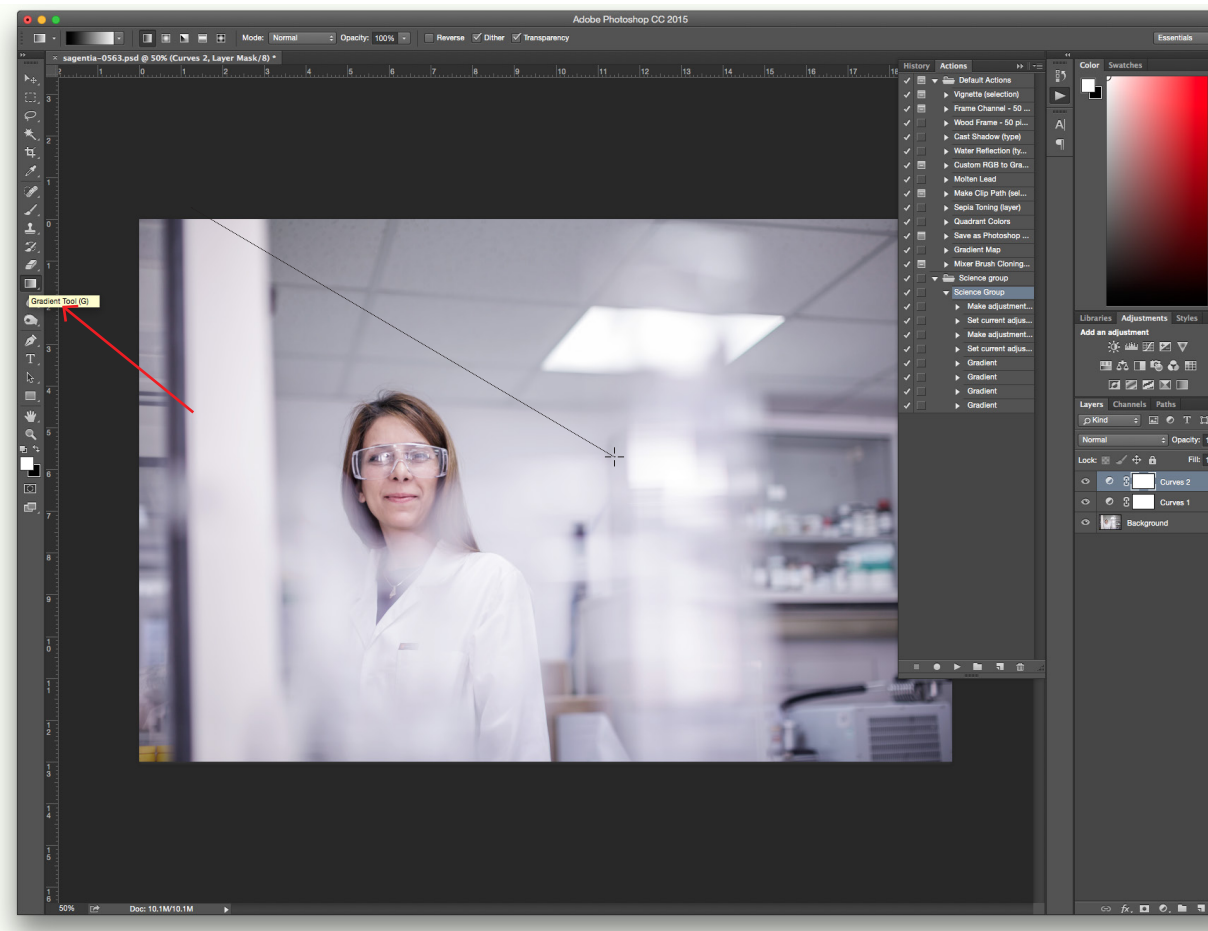
Select Edit > Fill and fill with 100% white. This will erase the gradient controlling the amount of blue showing.



Adjusting the gradient

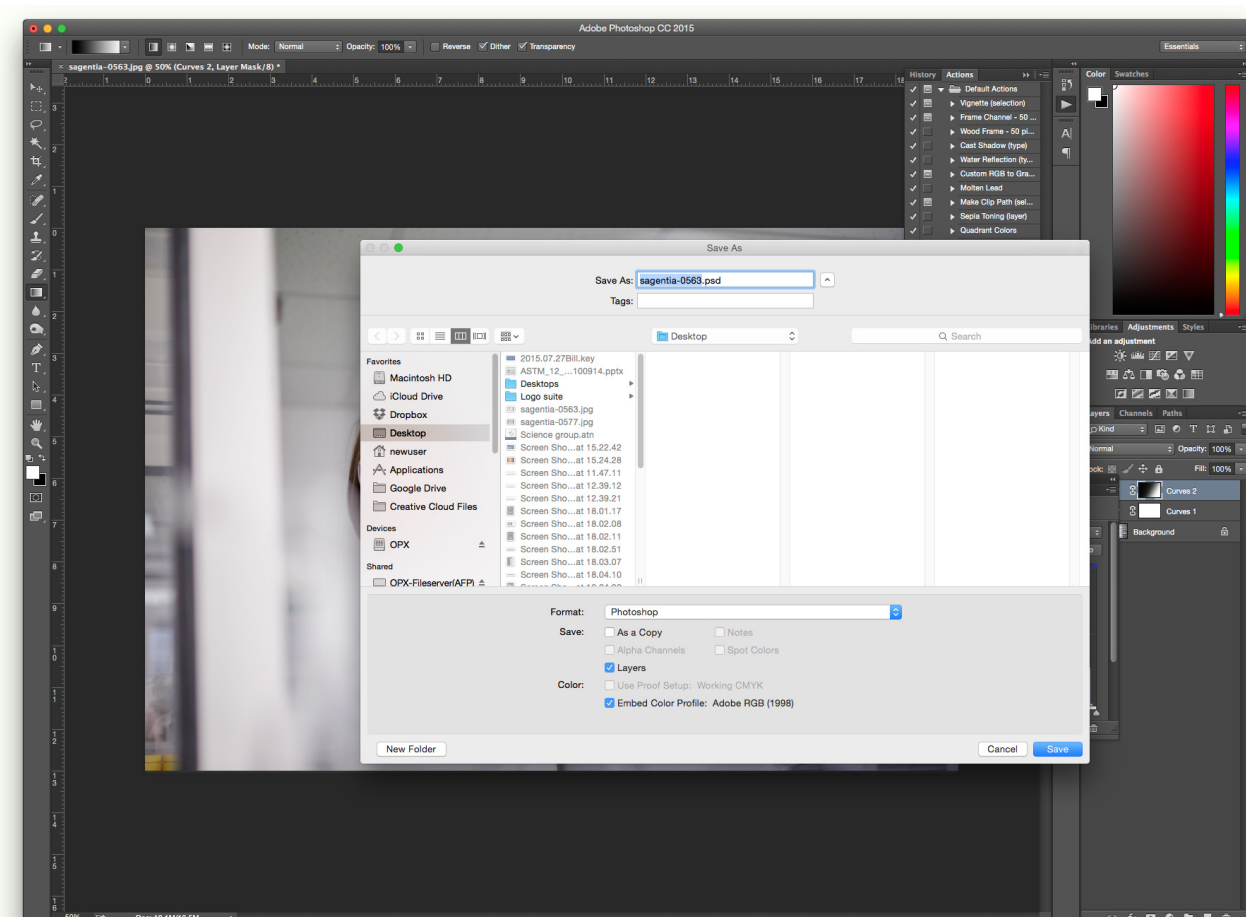
3

Then redraw the gradient to allow more or less blue to come through.



4

Save as a Photoshop psd to retain the layers for further adjustment.



Thank you