

Genetics Department Color Printer Guide

These guidelines are for the use of the various Genetics Department color imaging resources. Please contact David Brown via email (brown@uga.edu) if you need advice or assistance.

We currently have three types of departmental color printers, each with their own strengths and limitations. The following should assist you in deciding which printer is most appropriate for a particular color printing need.

Hewlett-Packard Color LaserJet 4600dn (two available)

Imaging Technology: Laser Printer, four color (CMYK)

Language(s): PostScript, PCL

Driver(s): HP drivers: Windows (PCL and Postscript) and Macintosh OS X (Postscript)

Resolution: 600dpi

Media Size(s): 8.5" x 11" (Letter)

Network Address: 128.192.8.218 GNcolorJet 4600 (Room B111)
128.192.8.112 GN4600 (Room C423)

Printing Cost: <\$0.10 per page (currently no charge-back to users)

Applications: Routine Word processing or Acrobat (PDF) documents that contain color elements. Graphs, drawings or vector art that do not require the highest resolution. This printer will also accept transparency media (e.g., for overheads).
IMPORTANT NOTE: It is critical that ONLY HP color transparency media approved for this printer be used with this device. Other transparency media may damage this printer. If you wish to print transparencies, please contact Darlene for the special media.

Operational Status: Generally on and ready to use. Janice Lunsford can assist with replacement of toner and similar routine maintenance tasks.

Epson Stylus Photo R800

Imaging Technology: Ink Jet, eight color UltraChrome Hi-Gloss® pigment ink

Driver(s): Epson proprietary platform specific drivers

Resolution(s): 2880 x 720dpi; 1440 x 720dpi; 2880 x 720dpi; 720 x 720dpi; 360 x 720dpi;
360 x 360dpi; 120 x 120dpi;

Media Size(s): 8" x 10" (borderless), 8.5" x 11" (Letter), 8.5" x 14" (Legal),

Network Name: n/a

Printing Cost: \$1.00 per page

Applications: Using the Premium Quality Glossy paper, this printer is ideally suited for publication quality photo-realistic graphics (e.g, micrographs, auto-radiographs, digital photographs, etc.) Using the Matte Paper-Heavyweight, this printer can also be used for illustrations, graphs, drawings and vector art that require highest resolution and color accuracy.

Operational Status: To conserve the use of ink and facilitate maintenance, this printer is directly connected to a printing workstation. Whenever you'd like to have prints made with the Epson R800, contact David Brown to arrange to have your figures printed.

Hewlett-Packard DesignJet 800ps

Imaging Technology: Ink Jet, four color (CMYK)

Language(s): Adobe® PostScript® 3, HP-GL/2, HP RTL, CALS G4, (TIFF and JPEG files from UNIX®, Linux and Windows NT via ZEH raster Plus)

Driver(s): PostScript driver, with Printer Description Files (PPD) specific for this device and media type and HP-GL/2 drivers for non-postscript containing documents

Resolution(s): 2400 x 1200 dpi on glossy media;

Media Size(s): 8.3- to 42-in. wide sheets; 24-, 36-, and 42-in rolls

Printing Cost: \$10.00 per poster (42" wide)

Applications: Posters, banners and other large format printouts. Using the High Gloss Photo paper, this printer creates beautiful posters that contain photo-realistic graphics (e.g, micrographs, auto-radiographs, digital photographs, etc.) We can also print on semi-gloss, photo-satin and matte paper which might be preferable for illustrations, graphs, drawings and vector art.

Operational Status: To conserve the use of ink and minimize inappropriate printing, this printer is normally kept off-line. ALL submissions of files for poster printing must be made using the on-line system at:

<http://www.genetics.uga.edu/poster-upload.php>

File Preparation: Complete guidelines for preparation of Powerpoint files are available at:

<http://www.genetics.uga.edu/poster-upload.php>