JURIBE

- Instructions for Submission
- Submitting Graphics
- Necessary Forms
GRAPHICS

Some PROBLEMS with illustrations . . .
NICE Color
However, JURIBE is produced in GRAYSCALE... not so nice, eh?

Submit all graphs and tables in GRAYSCALE or BLACK and WHITE.
Figure 4

AMF scans of nanoparticles: (A) Fluorescently tagged nanoparticles with MTX grafted to the surface. (B) Native nanoparticles without any surface modification. (C) Nanoparticles with folic acid grafted to the surface. (D) Nanoparticles with folic acid grafted to the surface at reduced magnification.
How to resolve:

1. Convert to grayscale
2. Adjust contrast and brightness
A GOOD example
Figure 1

Epithelial migration along an uncoated implant. Clot forms at entrance wound (arrow 1) and migrating keratinocytes (arrow 2) travel a distance of 592µm down the device.
**TABLE I**

A summary of the quantitative analysis of the protein preparations. “Concentration” and “total volume” refers to the protein/PBS solution obtained after purification using the techniques described in the “Experimental Procedures” section. The concentrations were determined by BCA assay. The 30N-OPN RGE fragment was produced using a total of 3L of LB broth. The 30N-OPN RGE fragment was produced using a total of 2L of LB broth and the full length His-OPN was produced using 1L of LB broth. The final volumes of the protein solutions (in PBS) and the total amount of each protein produced are approximate.

<table>
<thead>
<tr>
<th>Protein</th>
<th>Concentration (µg/mL)</th>
<th>Approx. total volume (mL)</th>
<th>Approx. total amount (µg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>30N-OPN RGE</td>
<td>248.1</td>
<td>2.0</td>
<td>0.5</td>
</tr>
<tr>
<td>30N-OPN RGD</td>
<td>289.0</td>
<td>1.5</td>
<td>0.4</td>
</tr>
<tr>
<td>Full-length His-OPN</td>
<td>1448.9</td>
<td>4.0</td>
<td>5.8</td>
</tr>
</tbody>
</table>
Convert Excel graphs to image file

- Avoid creating tables in Word!
- How to create .jpg, .gif, tif files from Excel:
  1. Open graph in Excel. Click on graph so it is highlighted. Right click > copy
  2. Open MS Paint * (Start/All Programs/Accessories/Paint)
  3. Edit > Paste (The graph should appear on the pasteboard)
  4. Save the graph as a .jpg file: File > Save As
Ah, much nicer!

Figure 6

PC relative density vs. desorption time. The relative density increased from 67% to 99% during the first 20 hours of desorption.
Remember: the same grayscale/color issue applies to tables and graphs!
Submit the original image file

- Directly from **source**: microscopes, scans, etc.
- Do **NOT** insert graphic into a Word file, then copy it back out to an image software: *It will be unsuitable for printing*
- Once an image is embedded in another program: Word, PowerPoint, etc., it is converted to a low resolution (72 dpi).
Figure 1

Cluster analysis of observations of lens and solution appearance following dye exposure and subsequent washes of 28 lenses. The inset is a screen diagram for this analysis. See text for explanation.
JURIBE is NOT the Web or PowerPoint

- Resolution and Size do matter
- Graphics for “Web” or “screen”-ready only have to be 72 or 96 dpi (dots per inch)
- Graphics for print (i.e. JURIBE) should be AT LEAST 300 dpi. The higher the resolution (up to 2700 dpi), the better

This GIF file is 8.34 KB or 134 X 110 pixels
It WON’T reproduce well in JURIBE
Do NOT insert graphics into your final article

- Instead, refer to figure or table in the text:

- Example:
  Alginate, a monovalent salt from alginic acid (see Fig. 2), is a linear block copolymer composed of alternating units of 1,4 linked beta-D-mannuronic (M) and alpha-L-guluronic acid (G) residues.
All tables, graphs and figures MUST be submitted as separate JPG, JPEG, GIF, TIF, EPS, PICT, or BMP file formats
Other Issues

• Greek symbols

• Author and Author affiliation
Greek and mathematical symbols from the *Symbol* font are not supported by our desktop publishing software at this time.

Please insert all Greek or mathematical characters that occur within the text of your manuscript in Times New Roman.

**EXAMPLE:** To develop a mathematical model of the relation between $\phi$, $r$, and hysteresis, surfaces with specific combinations of $\phi$ and $r$ values needed to be created. In order to design these, it became necessary to create three design variables, $a$ (gap length), $b$ (pillar length) and $h$ (pillar height), from which $\phi$ and $r$ can be calculated.

Greek and mathematical symbols are permitted within **equations**—which must be submitted as separate graphic files.
Authors and Authors’ affiliation

- Please list ALL authors on the submitted article
- Include ALL author affiliations by numbering
- Make sure all authors have read and approved manuscript BEFORE you submit your article to JURIBE

EXAMPLE:

Mixed $n$-Isopropylacrylamide Self-assembled Monolayer: Characterization and Optimization of a Thermally Responsive Coating

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References

- Please note that references are listed ALPHABETICALLY
- Complete list of authors, title, journal, issue #, volume #, and page numbers are all necessary.
From LaTeX programs, please save equations as PDF or EPS file

How do I make PDF documents?

There are at least three different ways to produce good PDF documents.

*Directly from dvi file (recommended).*

In WinEdt there is a button 'dvi->pdf' (also as the item 'dvi2pdf' in the 'Accessories' menu) which builds the pdf file directly from the dvi file, using proper postscript font descriptions. With the present version of MiKTeX this command works even if the possible pictures are eps files instead of pdf files. This action launches the MiKTeX executable 'dvipdfm.exe', which, again, depends on the Ghostscript executable 'gswin32c.exe'. If WinEdt is used to perform the conversion, the path to the Ghostscript program is made known to WinEdt by running the 'Run Startup Macro' from the 'Macros' menu (see item 1c).

Without WinEdt the conversion can be done in the command window with the command dvipdfm *myfile.dvi*
From ps file.
The ps file can converted into a pdf file by using GSview, menu 'File',
action 'Convert...', device 'pdfwrite' (the GSview interface program actually
again uses the Ghostscript executable gswin32c.exe). Thus, if a good PS
document has been done according to the guidelines given in the previous
section, one can use GSview to do the conversion.

The conversion can also be done by launching the 'ps2pdf' command from
the Accessories menu of WinEdt; there is also a button 'ps->pdf' in the
toolbar, which does the same.

In a Linux/unix machine, the command might be something like gs -
-dBATCH -dNOPAUSE -sDEVICE=pdfwrite -sOutputFile=myfile.pdf
myfile.ps & unless a direct 'ps2pdf' or 'pstopdf' command has been
defined.

Using pdfLaTeX.
Yet another way to create good PDF output is to use pdfLaTeX from the
start. Then, the possible pictures must be pdf files, as explained in section
9. There will be no intermediate dvi file, the pdf file is created directly.
Stages of JURIBE paper

- Submit paper, figures, figure legends, and forms to Elizabeth or to Shari (BAGLEY 471); Box 351720
- Make sure to include current phone, address, and email so that Elizabeth can contact you
- Elizabeth edits hard copy. If problems, will contact you directly. She will need your answers/changes very quickly
Important Forms

• Author Warranty and Advisor Approval Form
• Transfer of Copyright Form
Stages of JURIBE paper continued

- Lay out (Shari); if there are any problems with your figures, graphs, or equations, you will be contacted directly
Stages of JURIBE paper continued

- **Proofs**: you will receive an electronic copy of your proof. Your advisor will receive the same.
- **Standard review time is 1 week.** If we do not hear from you, then we assume that the proof is fine. Please check for accuracy and send inaccuracies to Shari.
- **At this stage, substantial revisions are NOT possible**, and if this is necessary, your paper will be postponed until the following issue of JURIBE.
Stages of JURIBE paper continued

- Copies of JURIBE. You, your student mentor, and advisor will receive 2 copies of JURIBE.
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- Other authors, additional copies (up to 5). Contact us directly. Include mailing address and the number of copies.