

allen★press™



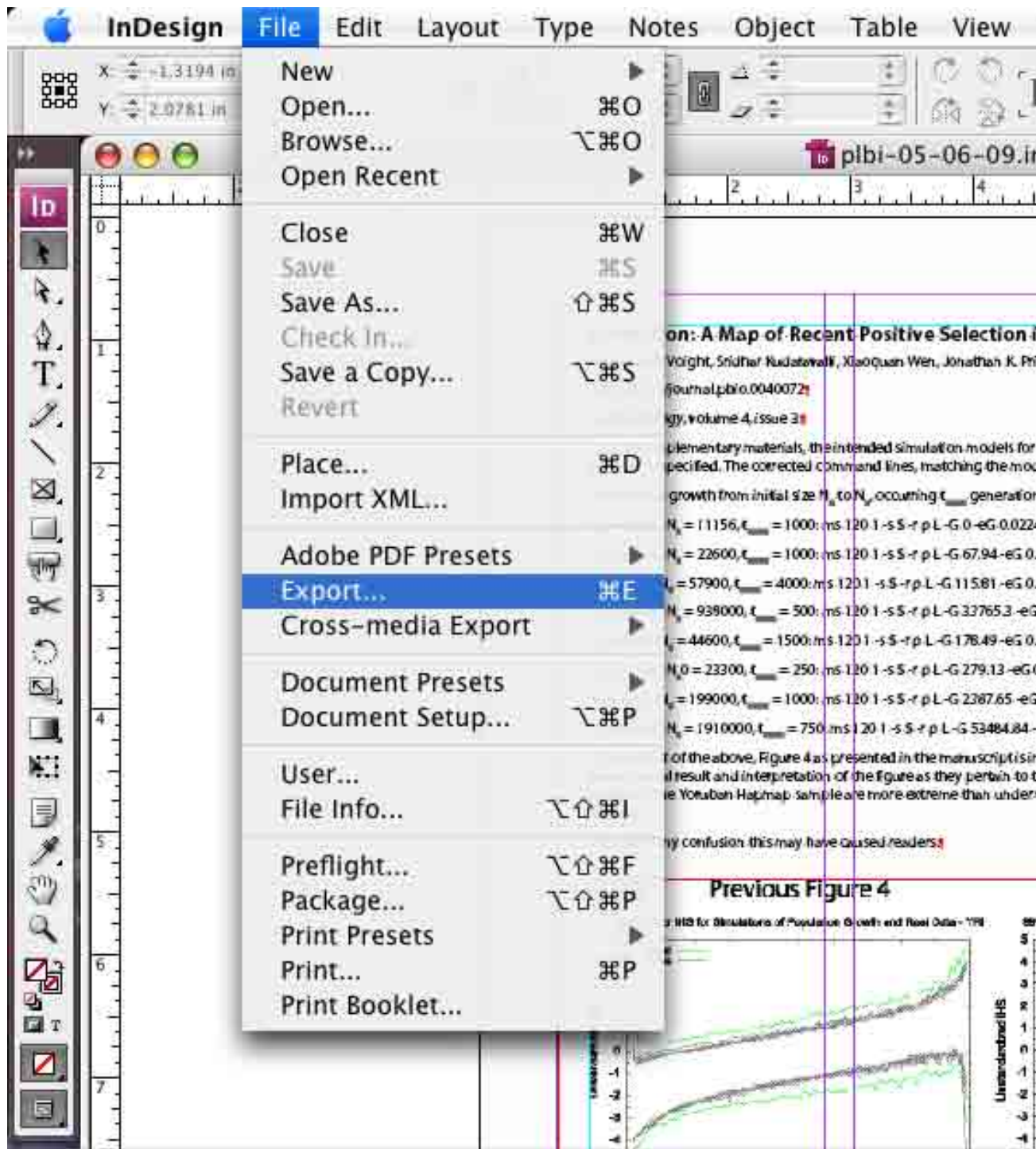
## **Creating PDFs for Efficient Print Production**

*Jonathan DeLaConcepcion*

ID

ADOBE® INDESIGN® CS3





Export

Editorial Seminar 20007

- Computer
- Jon-Jon
- Network
- jdelacon
- Desktop
- Documents
- Pictures
- Version Cue

Name	Status	Size	Version
~plbi-05-06-09~tc_clr.idlk		0 Bytes	
plbi-05-06-09-f01.eps		757.58 KB	
plbi-05-06-09.indd	Open	1 MB	

Save As: plbi-05-06-09.pdf

Format: Adobe PDF

Use OS Dialog

Cancel

Save

# Export Adobe PDF

Adobe PDF Preset: [High Quality Print] (modified)

Standard: None

Compatibility: Acrobat 4 (PDF 1.3)

## General

Compression

Marks and Bleeds

Output

Advanced

Security

Summary

## General

Description: [Based on '[High Quality Print]'] Use these settings to create Adobe PDF documents for quality printing on desktop printers and proofers. Created PDF documents can be opened with Acrobat and Adobe Reader 5.0 and later.

### Pages

All

Range: 1382

Spreads

### Options

Embed Page Thumbnails

View PDF after Exporting

Optimize for Fast Web View

Create Acrobat Layers

Create Tagged PDF

Export Layers: Visible & Printable Layers

### Include

Bookmarks

Non-Printing Objects

Hyperlinks

Interactive Elements

Visible Guides and Grids

Multimedia: Use Object Settings

Save Preset...

Cancel

Export

# Export Adobe PDF

Adobe PDF Preset: [High Quality Print] (modified)

Standard: None

Compatibility: Acrobat 4 (PDF 1.3)

General

Compression

Marks and Bleeds

Output

Advanced

Security

Summary

## Compression

### Color Images

Do Not Downsample 300 pixels per inch

for images above: 450 pixels per inch

Compression: ZIP Tile Size: 128

Image Quality: 8-bit

### Grayscale Images

Do Not Downsample 300 pixels per inch

for images above: 450 pixels per inch

Compression: ZIP Tile Size: 128

Image Quality: 8-bit

### Monochrome Images

Do Not Downsample 1200 pixels per inch

for images above: 1800 pixels per inch

Compression: CCITT Group 4

Compress Text and Line Art

Crop Image Data to Frames

Save Preset...

Cancel

Export

**CITT = Comité Consultatif International  
Téléphonique et Télégraphique**

Fifty-three years ago, James Watson and Francis Crick made headlines with their discovery of the structure of DNA. It was an achievement that forever altered our understanding of the world and secured their place in the annals of scientific history.

At the launch of *PLoS Biology* in October 2003, Dr. Watson was asked if he would do anything differently today.

He replied, yes—today he'd publish with the Public Library of Science. That's because Dr. Watson understands the importance of open-access publishing and the enormous potential it has to advance scientific and medical knowledge.

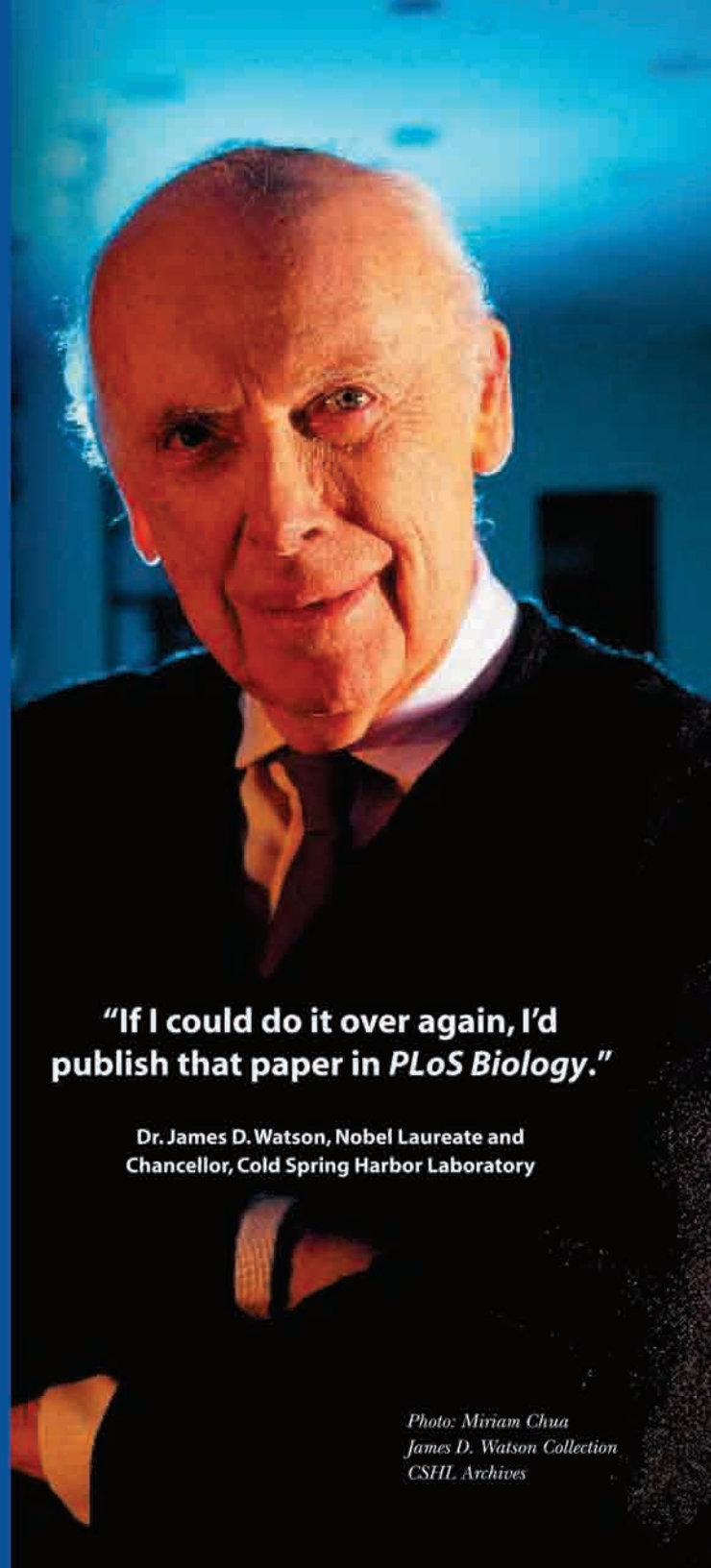
He's not the only one. From the very start, *PLoS Biology* attracted authors and readers from among leading scientists the world over.

And the accolades are accumulating. In June 2006, *PLoS Biology* received its second impact factor of 14.7, an outstanding result. *PLoS Biology* has also won a World Summit Award and was lauded by MPs in the United Kingdom's House of Commons. Even more importantly, *PLoS Biology* continues to publish some of the best-quality research, as recognized and covered in leading journals and news outlets.

To learn more about open access or to submit your own research for publication, go to [www.plosbiology.org](http://www.plosbiology.org). Maybe you'll have the chance to do something James Watson only wishes he could have.



**PLOS BIOLOGY**  
Impact factor 14.7



**"If I could do it over again, I'd  
publish that paper in *PLoS Biology*."**

**Dr. James D. Watson, Nobel Laureate and  
Chancellor, Cold Spring Harbor Laboratory**

*Photo: Miriam Chua  
James D. Watson Collection  
CSHL Archives*

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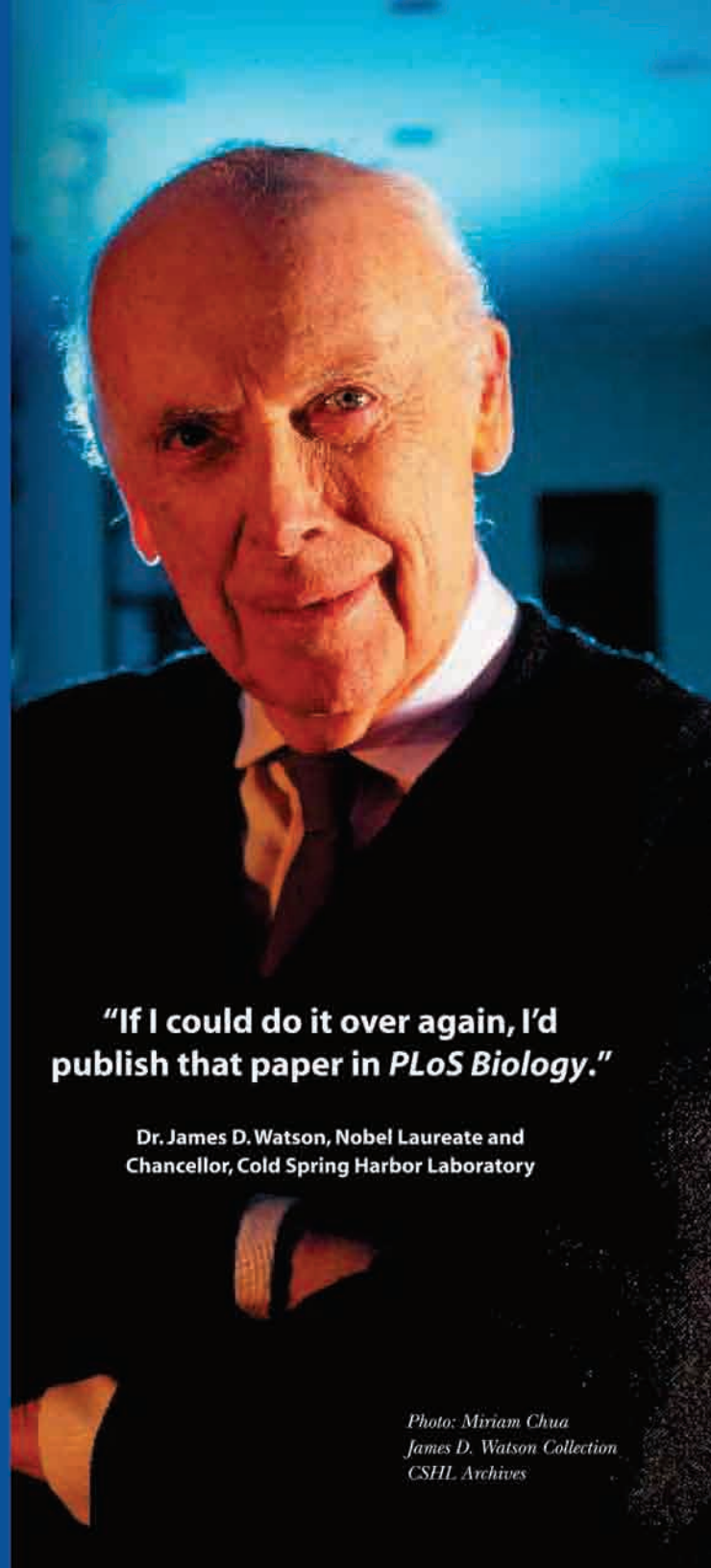
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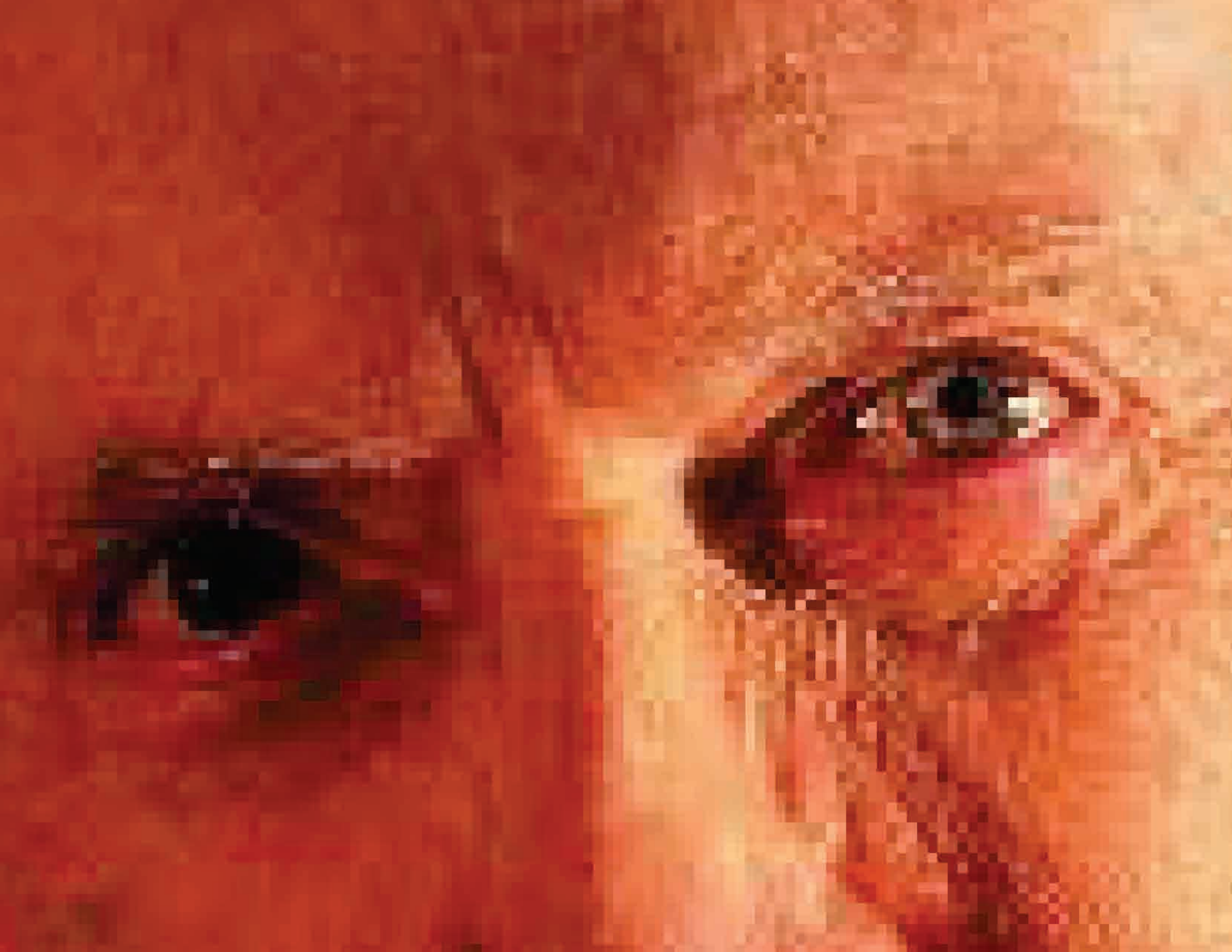
**PLOS BIOLOGY**  
Impact factor 14.7



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# Export Adobe PDF

Adobe PDF Preset: [High Quality Print] (modified)

Standard: None

Compatibility: Acrobat 4 (PDF 1.3)

General

Compression

Marks and Bleeds

Output

Advanced

Security

Summary

## Marks and Bleeds

### Marks

- All Printer's Marks
- Crop Marks
- Bleed Marks
- Registration Marks
- Color Bars
- Page Information

Type: Default

Weight: 0.25 pt

Offset: 0.0833 in

### Bleed and Slug

- Use Document Bleed Settings

#### Bleed:

Top: 0.125 in

Inside: 0.125 in

Bottom: 0.125 in

Outside: 0.125 in

- Include Slug Area

Save Preset...

Cancel

Export

# Export Adobe PDF

Adobe PDF Preset: [High Quality Print] (modified)

Standard: None

Compatibility: Acrobat 4 (PDF 1.3)

- General
- Compression
- Marks and Bleeds
- Output**
- Advanced
- Security
- Summary

## Output

### Color

Color Conversion: No Color Conversion

Destination: N/A

Profile Inclusion Policy: Don't Include Profiles

Simulate Overprint

[Ink Manager...](#)

### PDF/X

Output Intent Profile Name: N/A

Output Condition Name: N/A

Output Condition Identifier: N/A

Registry Name: N/A

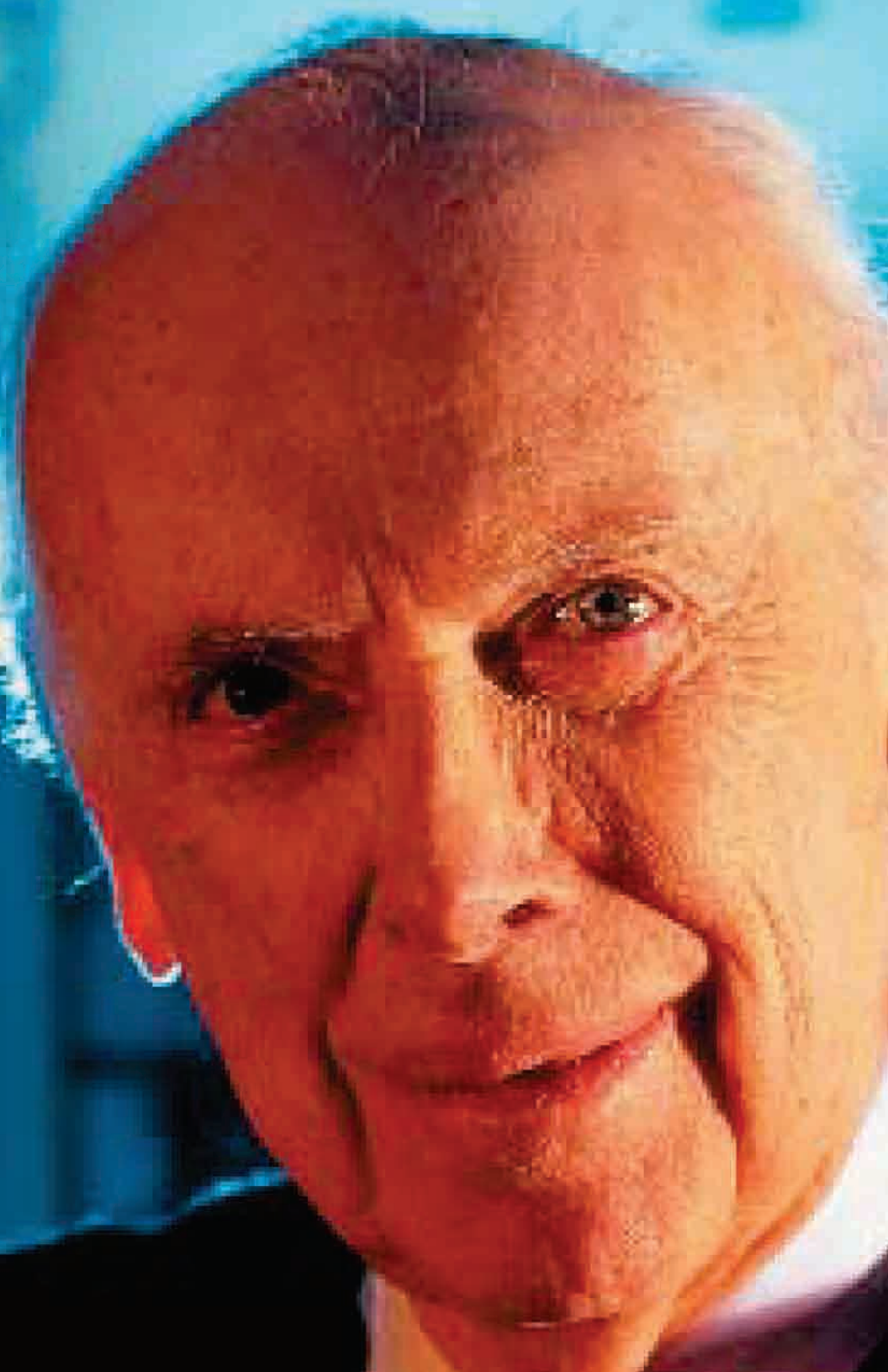
### Description

Native colors and placed objects that don't have an embedded profile are left uncalibrated.

[Save Preset...](#)

[Cancel](#)

[Export](#)





## Export Adobe PDF

Adobe PDF Preset: [High Quality Print] (modified)

Standard: None

Compatibility: Acrobat 4 (PDF 1.3)

General

Compression

Marks and Bleeds

Output

Advanced


Security

Summary

### Advanced

#### Fonts

Subset fonts when percent of characters used is less than: 100%

 All fonts with appropriate embedding bits will be embedded.

#### OPI

Omit for OPI:  EPS  PDF  Bitmap Images


#### Transparency Flattener

Preset: [High Resolution]

Ignore Spread Overrides

#### Job Definition Format (JDF)

Create JDF File Using Acrobat

 Requires Adobe Acrobat 7.0 Professional or later to be installed. Checking this option automatically deselects the "Spreads" option in the General panel.

Save Preset...

Cancel

Export

**OPI = Open Prepress Interface**

# Export Adobe PDF

Adobe PDF Preset: [High Quality Print] (modified)

Standard: None

Compatibility: Acrobat 4 (PDF 1.3)

General

Compression

Marks and Bleeds

Output

Advanced

Security

Summary

## Security

Encryption Level: Low (40-bit RC4) - Compatible with Acrobat 3 and Later

### Document Open Password

Require a password to open the document

Document Open Password: \_\_\_\_\_

### Permissions

Use a password to restrict printing, editing and other tasks

Permissions Password: \_\_\_\_\_

 This password is required to open the document in PDF editing applications.

Printing Allowed: High Resolution

Changes Allowed: Any except extracting pages

Enable copying of content and access for the visually impaired

Save Preset...

Cancel

Export

### Save Preset

Save Preset As: for Allen Press

OK

Cancel

[High Quality Print]

[PDF/X-1a:2001]

[PDF/X-3:2002]

[PDF/X-4:2007]

[Press Quality]

[Smallest File Size]

Adobe PDF Preset: ✓ for Allen Press

Standard: None

Compatibility: Acrobat 4 (PDF 1.3)

General

Compression

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Output

Advanced

Security

Summary

General

Description: [Based on '[High Quality Print]'] Use these settings to create Adobe PDF documents for quality printing on desktop printers and proofers. Created PDF documents can be opened with Acrobat and Adobe Reader 5.0 and later.

Pages

All

Range: 1382

Spreads

Options

Embed Page Thumbnails

View PDF after Exporting

Optimize for Fast Web View

Create Acrobat Layers

Create Tagged PDF

Export Layers: Visible & Printable Layers

Include

Bookmarks

Non-Printing Objects

Hyperlinks

Interactive Elements

Visible Guides and Grids

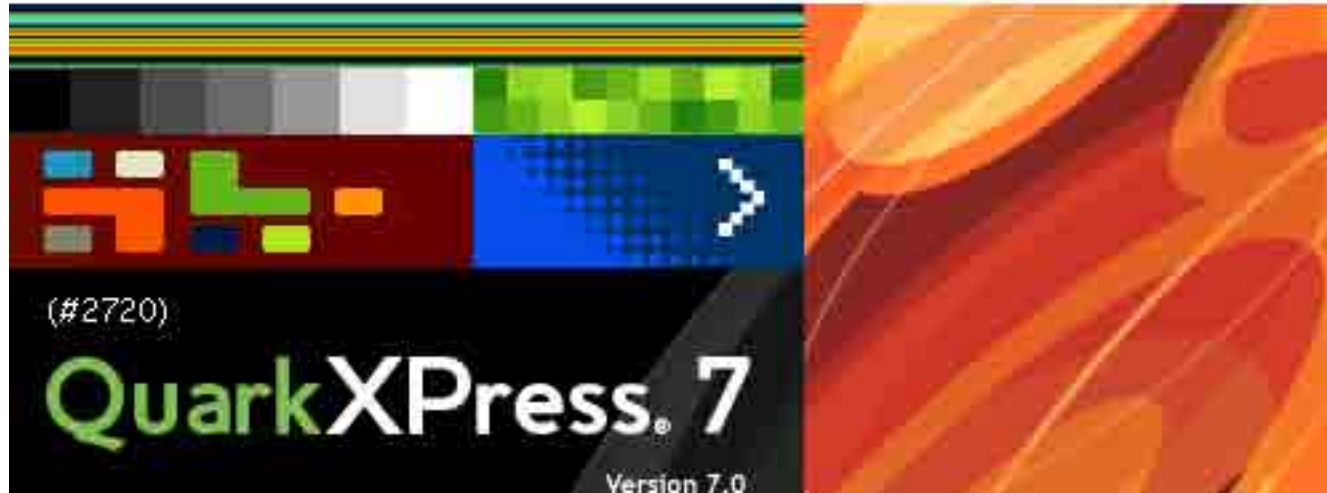
Multimedia: Use Object Settings

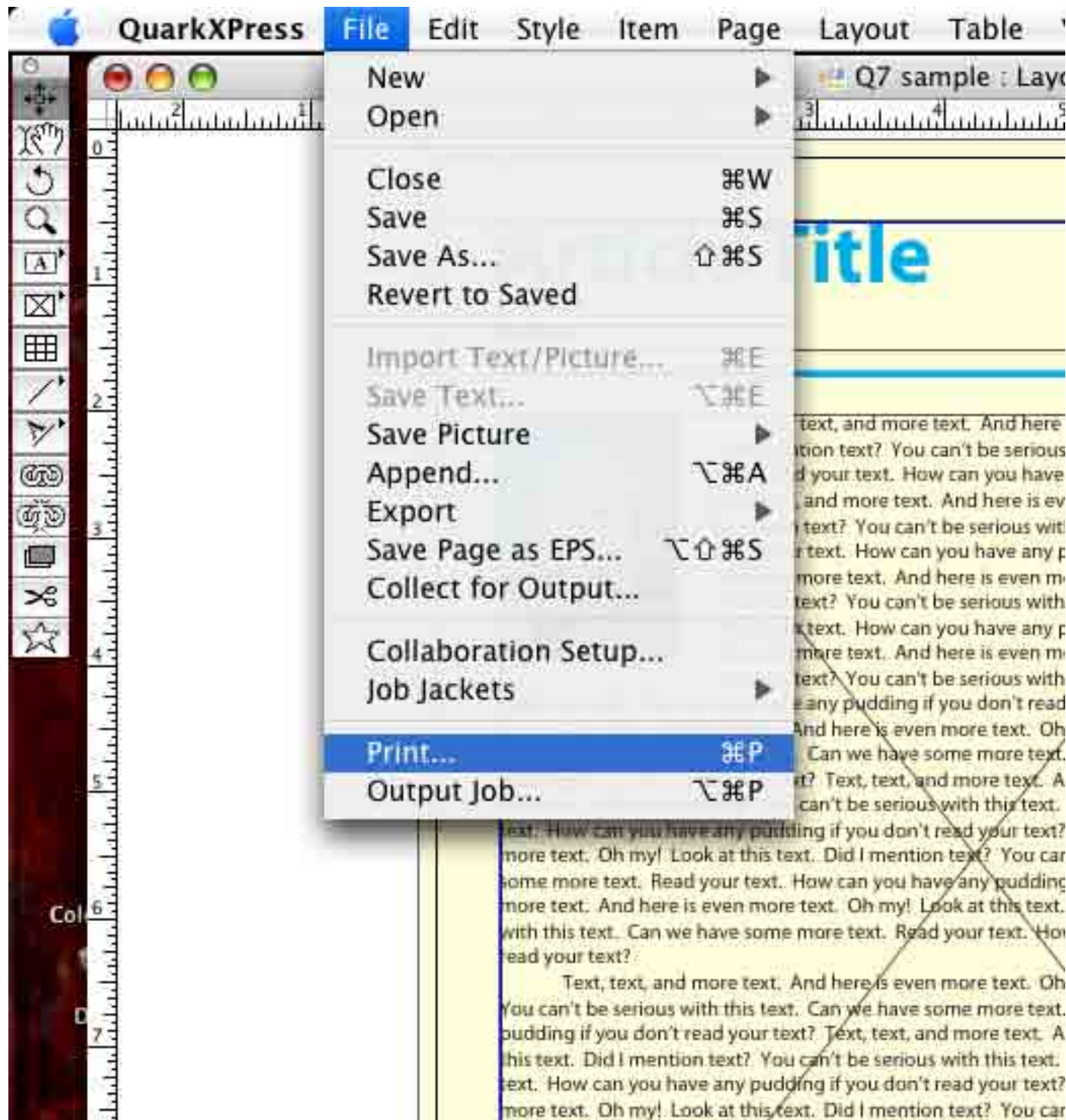
Save Preset...

Cancel

Export

PERSONALIZED FOR:  
System Administrator





# Print Layout 1

Printer: Adobe PDF 7.0

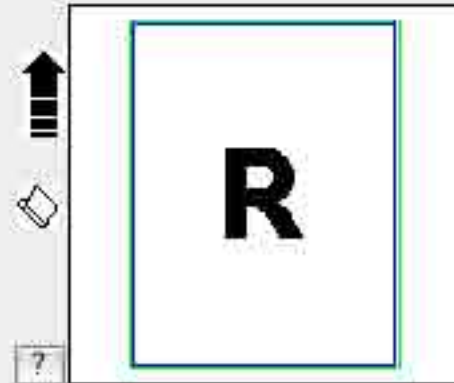
Print Style: Custom Settings

Copies: 1  Collate

Pages: All  Spreads

Sequence: All  Back to Front

Scale: 100%  Fit Print Area



- Device
- Pages
- Colors
- Pictures
- Fonts
- Marks
- Bleed
- Layers
- Transparency
- OPI
- JDF
- Advanced
- Summary

## Device Options

PPD: AdobePDF 7.0

Paper Size: Custom

Width: 8.75" Page Gap: 0"

Height: 11.25" Paper Offset: 0"

Position: Center

Resolution: 2400 dpi

Negative Print

Postscript Error Handler

Page Setup...

Printer...

Capture Settings

Cancel

Print

Print Layout 1

Printer:

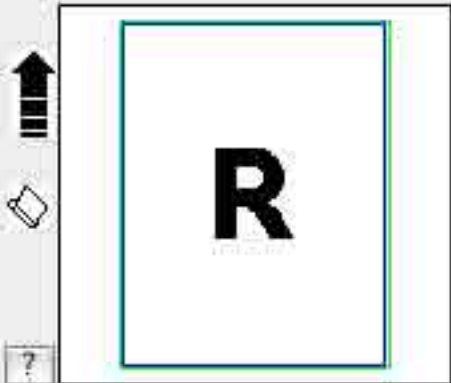
Print Style:

Copies:   Collate

Pages:   Spreads

Sequence:   Back to Front

Scale:   Fit Print Area



- Device
- Pages
- Colors
- Pictures
- Fonts
- Marks
- Bleed
- Layers
- Transparency
- OPI
- JDF
- Advanced
- Summary

Page Options

Orientation:

Include Blank Pages

Thumbnails

Page Flip:

Page Tiling:

Overlap:   Absolute Overlap

# Print Layout 1

Printer: Adobe PDF 7.0

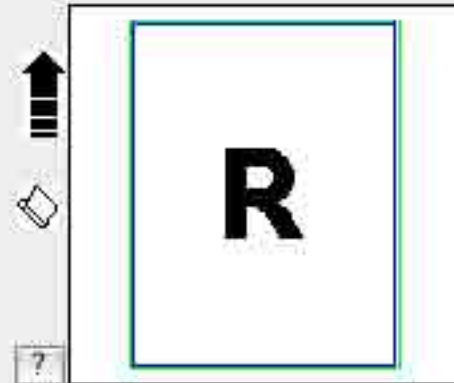
Print Style: Custom Settings

Copies: 1  Collate

Pages: All  Spreads

Sequence: All  Back to Front

Scale: 100%  Fit Print Area



- Device
- Pages
- Colors
- Pictures
- Fonts
- Marks
- Bleed
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- JDF
- Advanced
- Summary

## Color Options

Mode: Composite

Setup: As Is

Halftones: Conventional Frequency: 175

	Plate	Halftone	Frequency	Angle	Function
<input checked="" type="checkbox"/>	Cyan	-	175	15°	Defa... <input type="checkbox"/>
<input checked="" type="checkbox"/>	Magenta	-	175	75°	Defa... <input type="checkbox"/>
<input checked="" type="checkbox"/>	Yellow	-	175	0°	Defa... <input type="checkbox"/>
<input checked="" type="checkbox"/>	Black	-	175	45°	Defa... <input type="checkbox"/>

Page Setup...

Printer...

Capture Settings

Cancel

Print

# Print Layout 1

Printer: Adobe PDF 7.0

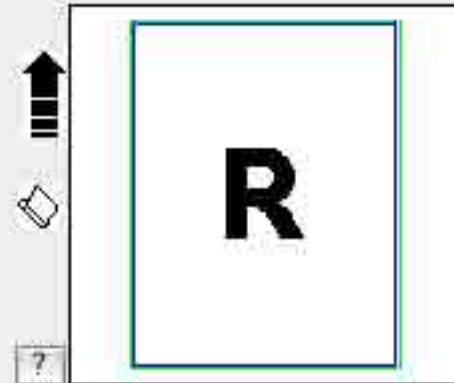
Print Style: Custom Settings

Copies: 1  Collate

Pages: All  Spreads

Sequence: All  Back to Front

Scale: 100%  Fit Print Area



- Device
- Pages
- Colors
- Pictures**
- Fonts
- Marks
- Bleed
- Layers
- Transparency
- OPI
- JDF
- Advanced
- Summary

## Picture Options

Output: Normal

Data: Binary

- Overprint EPS/PDF Black
- Full Resolution TIFF Output

Page Setup...

Printer...

Capture Settings

Cancel

Print

# Print Layout 1

Printer: Adobe PDF 7.0

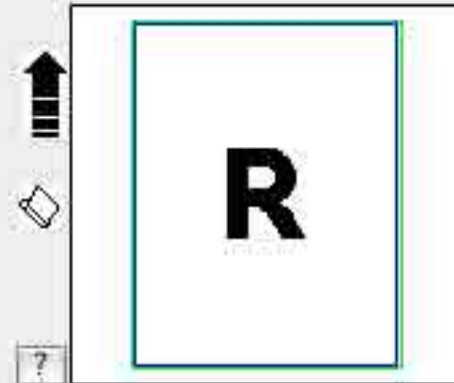
Print Style: Custom Settings

Copies: 1  Collate

Pages: All  Spreads

Sequence: All  Back to Front

Scale: 100%  Fit Print Area



- Device
- Pages
- Colors
- Pictures
- Fonts**
- Marks
- Bleed
- Layers
- Transparency
- OPI
- JDF
- Advanced
- Summary

## Font Options

Select All

Optimize Font Formats

Download	Font
<input checked="" type="checkbox"/>	PLoS Sans Bold
<input checked="" type="checkbox"/>	PLoS Sans SemiBold
<input checked="" type="checkbox"/>	PLoS Sans

Page Setup...

Printer...

Capture Settings

Cancel

Print

# Print Layout 1

Printer: Adobe PDF 7.0

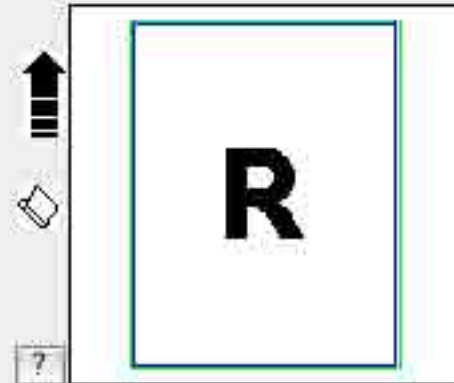
Print Style: Custom Settings

Copies: 1  Collate

Pages: All  Spreads

Sequence: All  Back to Front

Scale: 100%  Fit Print Area



- Device
- Pages
- Colors
- Pictures
- Fonts
- Marks**
- Bleed
- Layers
- Transparency
- OPI
- JDF
- Advanced
- Summary

## Registration Marks Options

Mode: Off

Width:

Length:

Offset:

Page Setup...

Printer...

Capture Settings

Cancel

Print

# Print Layout 1

Printer: Adobe PDF 7.0

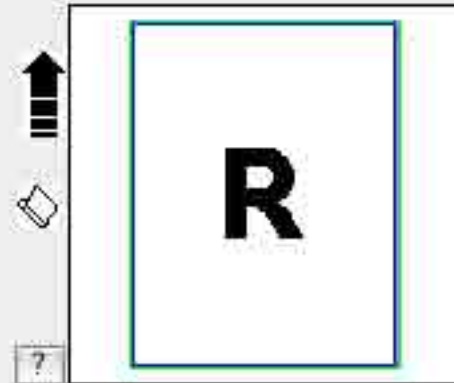
Print Style: Custom Settings

Copies: 1  Collate

Pages: All  Spreads

Sequence: All  Back to Front

Scale: 100%  Fit Print Area



- Device
- Pages
- Colors
- Pictures
- Fonts
- Marks
- Bleed**
- Layers
- Transparency
- OPI
- JDF
- Advanced
- Summary

## Bleed Options

Bleed Type: Symmetric

Amount: 125° Left: 0°

Bottom: 0° Right: 0°

Clip at Bleed Edge

Page Setup...

Printer...

Capture Settings

Cancel

Print

# Print Layout 1

Printer: Adobe PDF 7.0

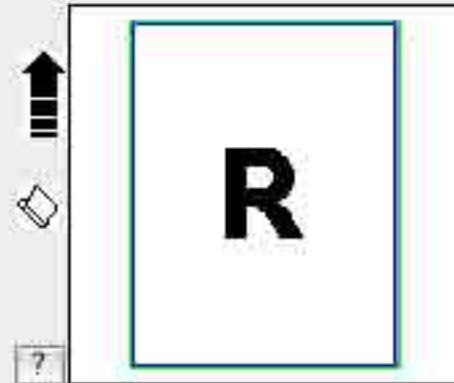
Print Style: Custom Settings

Copies: 1  Collate

Pages: All  Spreads

Sequence: All  Back to Front

Scale: 100%  Fit Print Area



- Device
- Pages
- Colors
- Pictures
- Fonts
- Marks
- Bleed
- Layers**
- Transparency
- OPI
- JDF
- Advanced
- Summary

## Layer Options

Select All  Apply to Layout

Print		Name
<input checked="" type="checkbox"/>	■	Default

Plates used on selected Layer:

No selection.

Page Setup...

Printer...

Capture Settings

Cancel

Print

# Print Layout 1

Printer: Adobe PDF 7.0

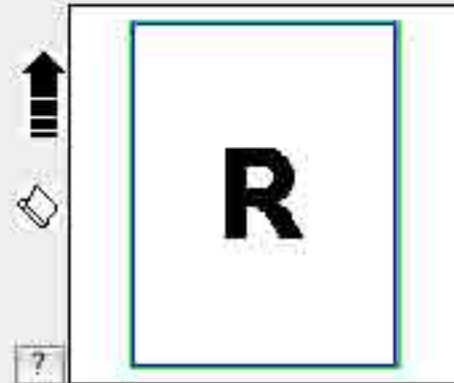
Print Style: Custom Settings

Copies: 1  Collate

Pages: All  Spreads

Sequence: All  Back to Front

Scale: 100%  Fit Print Area



- Device
- Pages
- Colors
- Pictures
- Fonts
- Marks
- Bleed
- Layers
- Transparency**
- OPI
- JDF
- Advanced
- Summary

## Transparency Options

Transparency Flattening Resolution: 300 dpi

Ignore Transparency Flattening

Page Setup...

Printer...

Capture Settings

Cancel

Print

# Print Layout 1

Printer: Adobe PDF 7.0

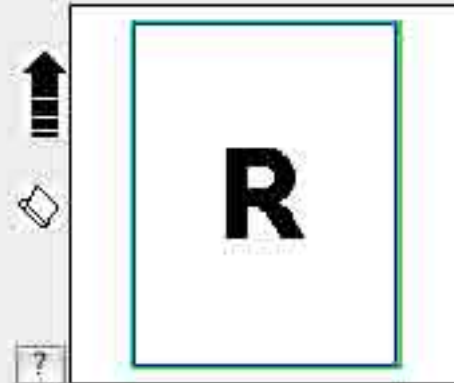
Print Style: Custom Settings

Copies: 1  Collate

Pages: All  Spreads

Sequence: All  Back to Front

Scale: 100%  Fit Print Area



- Device
- Pages
- Colors
- Pictures
- Fonts
- Marks
- Bleed
- Layers
- Transparency
- OPI**
- JDF
- Advanced
- Summary

## OPI Options

OPI Active

## TIFF Options

Include Images

Low Resolution

## EPS Options

Include Images

Page Setup...

Printer...

Capture Settings

Cancel

Print

# Print Layout 1

Printer: Adobe PDF 7.0

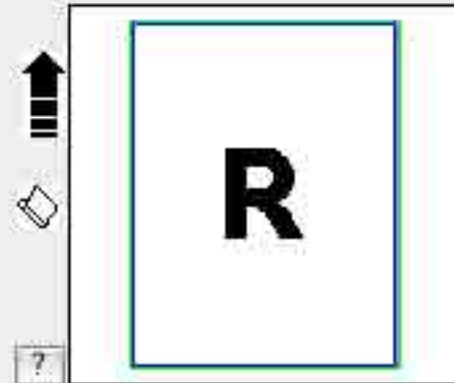
Print Style: Custom Settings

Copies: 1  Collate

Pages: All  Spreads

Sequence: All  Back to Front

Scale: 100%  Fit Print Area



- Device
- Pages
- Colors
- Pictures
- Fonts
- Marks
- Bleed
- Layers
- Transparency
- OPI
- JDF
- Advanced
- Summary

## Advanced Options

PostScript Level: PostScript Level 3

Page Setup...

Printer...

Capture Settings

Cancel

Print

Print Layout 1

Printer: Adobe PDF 7.0

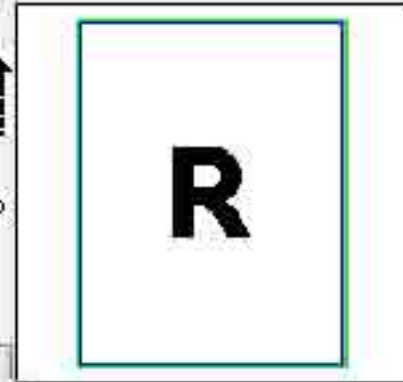
Print Style: New Print Output Style...

Copies: 1  Collate

Pages: All  Spreads

Sequence: All  Back to Front

Scale: 100%  Fit Print Area



New Print Output Style

Name: for Allen Press

Cancel

OK

Height: 11.25" Paper Offset: 0

Position: Center

Resolution: 2400 dpi

Negative Print

Postscript Error Handler

Page Setup...

Printer...

Capture Settings

Cancel

Print

- Device
- Pages
- Colors
- Pictures
- Fonts
- Marks
- Bleed
- Layers
- Transparency
- OPI
- JDF
- Advanced
- Summary

Print

Printer: Adobe PDF 7.0

Presets: Standard

Copies & Pages

Copies: 1 Collated

Pages:  All  
 From: 1 to: 1



PDF ▾

Preview

Supplies...

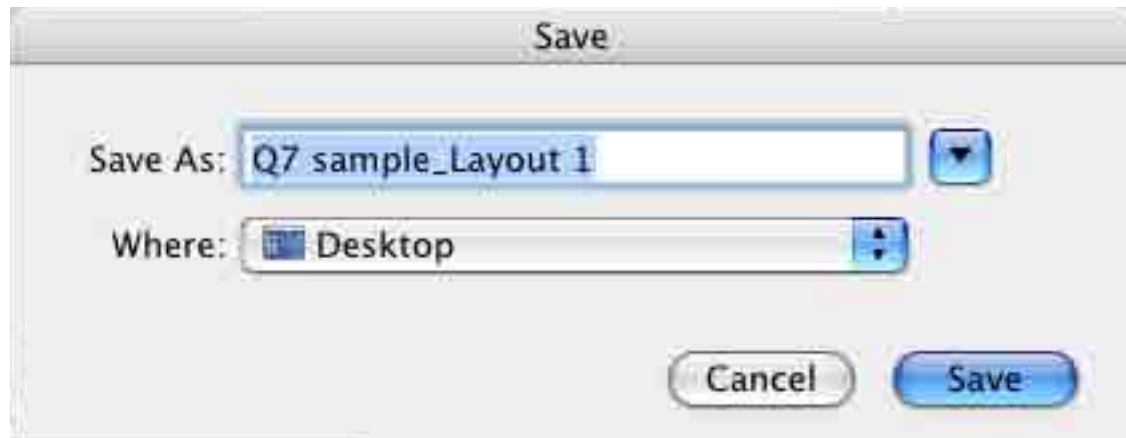
Cancel

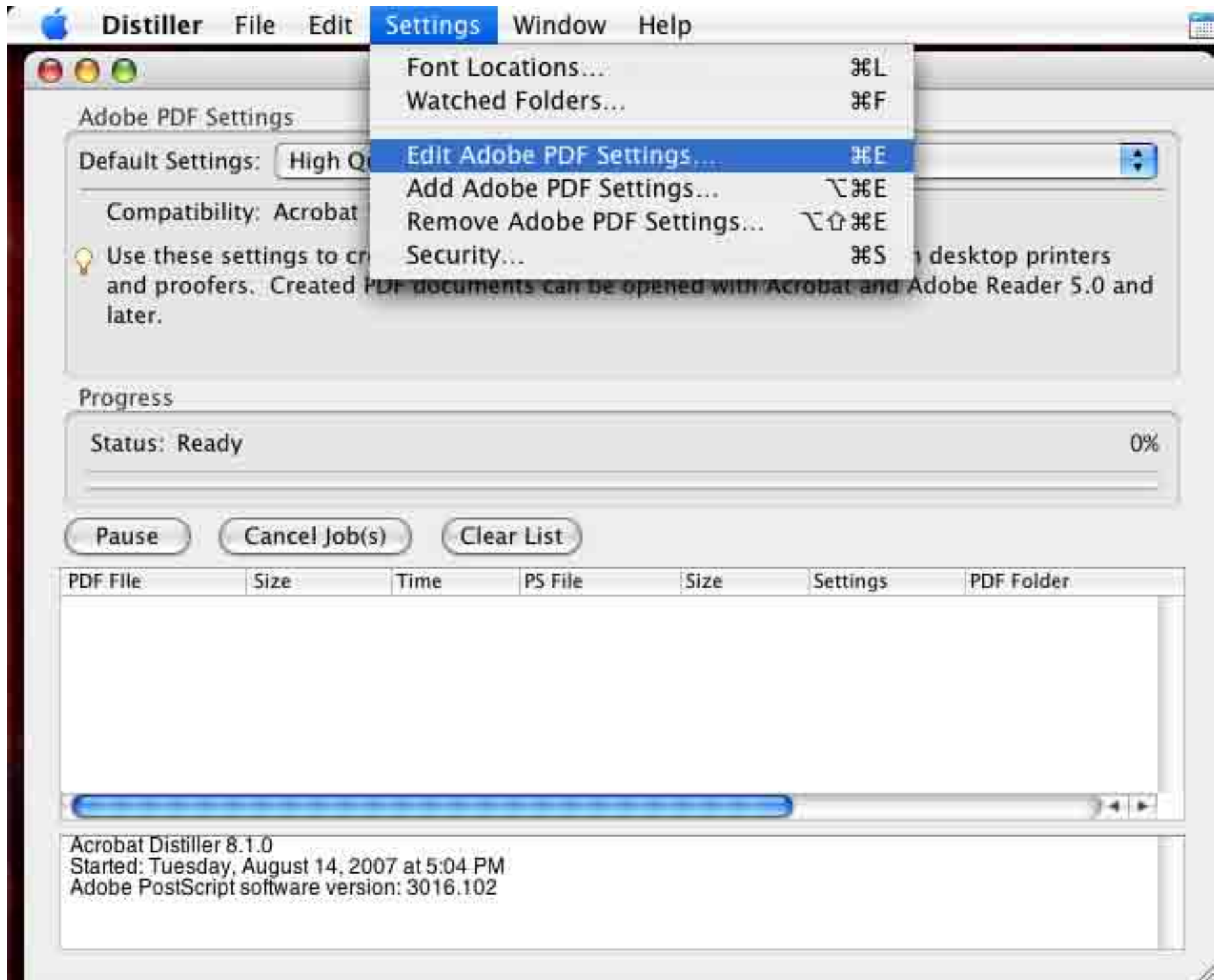
Print

- Save as PDF...
- Save PDF as PostScript...
- Fax PDF...
- Compress PDF
- Encrypt PDF
- Mail PDF
- Save as PDF-X
- Save PDF to iPhoto
- Save PDF to Web Receipts Folder
- Edit Menu...

Device  
Pages  
Colors  
Pictures  
Fonts  
Marks  
Bleed  
Layers  
Transpa  
OPI  
JDF  
Advanc  
Summary

Level 3





## Adobe PDF Settings: High Quality Print

General

Images

Fonts

Color

Advanced

Standards

### Description

Use these settings to create Adobe PDF documents for quality printing on desktop printers and proofers. Created PDF documents can be opened with Acrobat and Adobe Reader 5.0 and later.

### File Options

Compatibility: Acrobat 4.0 (PDF 1.3)

Object-Level Compression: Tags Only

Auto-Rotate Pages: Collectively By File

Binding: Left

Resolution: 2400 dots per inch

All Pages

Pages From: To:

Embed Thumbnails

Optimize For Fast Web View

### Default Page Size

Units: Points

Width: 612.0000 Height: 792.0000

Save As...

Help

Cancel

OK

Adobe PDF Settings: High Quality Print

General Images Fonts Color Advanced Standards

Color Images

Sampling: Off 300 pixels per inch

for images above: 450 pixels per inch

Compression: ZIP

Grayscale Images

Sampling: Off 300 pixels per inch

for images above: 450 pixels per inch

Compression: ZIP

Monochrome Images

Sampling: Off 1200 pixels per inch

for images above: 1800 pixels per inch

Compression: CCITT Group 4

Anti-Alias to gray: Off

Policy

Save As...


Help

Cancel

OK

Adobe PDF Settings: High Quality Print

General | Images | **Fonts** | Color | Advanced | Standards

- Embed all fonts
  - Embed OpenType fonts
  - Subset embedded fonts when percent of characters used is less than:  %
  -  Only fonts with appropriate permission bits will be embedded
- When embedding fails:

Embedding

Font Source

- Euclid
- Euclid-Bold
- Euclid-BoldItalic
- Euclid-Italic
- EuclidExtra
- EuclidExtra-Bold
- EuclidFraktur
- EuclidFraktur-Bold
- EuclidMathOne
- EuclidMathOne-Bold
- EuclidMathTwo
- EuclidMathTwo-Bold
- EuclidSymbol
- EuclidSymbol-Bold

Add->

Add->

Always Embed Font

Never Embed Font

Add Name...

Remove

Save As... | Help | Cancel | **OK**

Adobe PDF Settings: High Quality Print

General | Images | Fonts | **Color** | Advanced | Standards

Adobe Color Settings

Settings File:

Color Management Policies

Document Rendering Intent:

Working Spaces

Gray:

RGB:

CMYK:

Preserve CMYK values for calibrated CMYK color spaces

Device-Dependent Data

Preserve Under Color Removal and Black Generation

When transfer functions are found:

Preserve Halftone Information

Save As...

Help

Cancel

OK

Adobe PDF Settings: High Quality Print

General | Images | Fonts | Color | **Advanced** | Standards

Options

- Allow PostScript file to override Adobe PDF Settings
- Allow PostScript XObjects
- Convert gradients to smooth shades
- Convert smooth lines to curves
- Preserve Level 2 coveypage semantics
- Preserve Overprint Settings
  - Overprinting default is nonzero overprinting
- Save Adobe PDF Settings inside PDF file
- Save original JPEG images in PDF if possible
- Save Portable Job Ticket inside PDF file
- Use Prologue.ps and Epilogue.ps

Document Structuring Conventions (DSC)

- Process DSC comments
  - Log DSC warnings
  - Preserve EPS information from DSC
  - Preserve OPI comments
  - Preserve document information from DSC
  - Resize page and center artwork for EPS files

Save As...

Help

Cancel

OK

**DSC = Document Structuring Convention**





# Acrobat Distiller

## Adobe PDF Settings

### Default Settings

### Compatibility

Use these settings and proofers later.

### Progress

Status: Ready

- High Quality Print
- Oversized Pages
- PDF/A-1b:2005 (CMYK)
- PDF/A-1b:2005 (RGB)
- PDF/X-1a:2001
- PDF/X-3:2002
- PDFX4 2007
- Press Quality
- Smallest File Size
- Standard

for Allen Press

Pause

Cancel Job(s)

Clear List

PDF File	Size	Time	PS File	Size	Settings	PDF Folder
----------	------	------	---------	------	----------	------------

Acrobat Distiller 8.1.0  
Started: Tuesday, August 14, 2007 at 5:04 PM  
Adobe PostScript software version: 3016.102

Acrobat Distiller

Adobe PDF Settings

Default Settings: for Allen Press

Compatibility: Acrobat 4 (PDF 1.3)

[Based on '[High Quality Print]'] Use these settings to create Adobe PDF documents for quality printing on desktop printers and proofers. Created PDF documents can be opened with Acrobat and Adobe Reader 5.0 and later.


Progress

Status: Ready 0%

Pause

Cancel Job(s)

Clear List

PDF File	Size	Time	PS File	Size	Settings	PDF Folder
 Q7 sample Layout 1.ps						

Press joboptions  
Distill Time: 5 seconds (00:00:05)  
\*\*\*\* End of Job \*\*\*\*

Q7 sample Layout 1.ps

Acrobat Distiller

Adobe PDF Settings

Default Settings: for Allen Press

Compatibility: Acrobat 4 (PDF 1.3)

[Based on '[High Quality Print]'] Use these settings to create Adobe PDF documents for quality printing on desktop printers and proofers. Created PDF documents can be opened with Acrobat and Adobe Reader 5.0 and later.

Progress

Status: Ready 0%

Pause

Cancel Job(s)

Clear List

PDF File	Size	Time	PS File	Size	Settings	PDF Folder
Q7	60KB	00:00:03	Q7 sample_La	196KB	for Allen	/Users/jdelaco

Press joboptions  
Distill Time: 3 seconds (00:00:03)  
\*\*\*\* End of Job \*\*\*\*

Q7 sample\_Layout 1.ps

Q7 sample\_Layout 1.pdf

allen★press™



**Questions & Answers**