

CRC Summer Workshop: Introduction to the R Statistical Computing Environment

Gregory R. Warnes, Ph.D.

*Director, Center for Research Computing Assoc. Professor,
Biostatistics and Computational Biology*

June 11-18, 2010

What:

Introduction to using and extending the R Statistical Computing Environment

Who:

Anyone interested in learning to use and extend R

When:

10am - 12pm: June 7 - June 11, and June 14 - June 18

Where:

IT Center Computer Training Lab (G102) Rush Rhees Library

Course Structure:

Alternating Lecture & Lab Sessions

Academic Credit:

None

Course Notes:

"R Fundamentals and Programming Techniques", by

Thomas Lumley Download it from
<http://faculty.washington.edu/tlumley/Rcourse/R-fundamentals.pdf>

Exercises:

Data handling exercises:

<http://faculty.washington.edu/tlumley/Rcourse/someexamples.pdf> Programming exercises:

<http://faculty.washington.edu/tlumley/Rcourse/progexamples.pdf>

Additional Resources:

"An Introduction to R": <http://cran.us.r-project.org/doc/manuals/R-intro.pdf>

"Writing R Extensions": <http://cran.us.r-project.org/doc/manuals/R-exts.pdf> "R

Data Import/Export": <http://cran.us.r-project.org/doc/manuals/R-data.pdf>

Software:

Download and install R from <http://cran.us.r-project.org>

Registration:

RSVP to gregory.warnes@rochester.edu Provide your Name, Department, NetID, and email address.