



## ~ 30<sup>TH</sup> ANNUAL ~ MOLECULAR BIOLOGY SUMMER WORKSHOP

### Learn Molecular Biology in 2 Weeks!

We are pleased to announce the thirtieth annual Molecular Biology Summer Workshop, sponsored by New England Biolabs in conjunction with Smith College. The workshop is held at Ford Hall, Smith College, Northampton, MA, USA. Well over 4,000 people have graduated from this intensive training program in the past twenty-nine years. This intensive course emphasizes hands-on molecular biology laboratory work and covers a wide variety of topics and techniques. This is the largest and longest running molecular biology course for professionals in the world. No prior experience in molecular biology is required.

#### when:

two-week session:  
July 19 - August 1, 2015

#### where:

Ford Hall  
Smith College  
Northampton, MA 01063  
USA  
Dr. Steven A. Williams, Director

#### to apply:

website:  
<http://www.science.smith.edu/neb>  
email:  
[biolabs@smith.edu](mailto:biolabs@smith.edu)  
phone:  
(413) 585-3915

#### Two-week Molecular Biology Session Available

This two-week long course covers in-depth DNA cloning, PCR, DNA sequencing, genomics, next-gen sequencing and bioinformatics. Learn hands-on techniques used in gene expression analysis including microarray analysis, RNAi and quantitative RT-PCR, bioinformatics and genomics and proteomics.

**application information:** No previous experience in molecular biology is required or expected. Forty participants will be selected from a variety of disciplines and academic backgrounds, including principal investigators, directors of programs, medical doctors, postdoctoral fellows, graduate students, research assistants, sales associates, equipment engineers, etc.

**fee:** \$4300 per participant. This fee includes lab manual, use of all equipment and supplies, and room and board (all rooms are singles).

**application deadlines:** July 1, 2015.

First come, first served (apply now!). Late applications will be accepted on a space available basis.

**payment deadline:** Three weeks following receipt of your email acceptance letter.

#### topics / techniques:

- gene cloning (and library construction)
- gene expression analysis
- PCR and quantitative RT-PCR
- genomics and bioinformatics
- DNA sequencing, including NextGen
- RNAi and siRNA
- RNA-Seq
- and much more — visit our website for a complete list!

