

## GrAPPA Buildout Continues

**GrAPPA** is an acronym for **Graph Algorithms Pipeline for Pathway Analysis**. GrAPPA is a web-based interface constructed on the Galaxy framework for graph theoretical tools developed at the [Langston Lab](#) at the University of Tennessee. GrAPPA contains novel combinatorial methods integrated into a complete microarray analysis toolchain, from uploading raw high-throughput data to visualization of results.

Efforts to increase GrAPPA's functionality are underway. Features now being incorporated include:

- a larger repertoire of pre-processing options, including Gaussian graphical models and an expanded set of correlation metrics such as mutual information
- more powerful post-processing capabilities, for example, software tools for Bayesian analysis
- links to related web-centric resources, including [GeneNetwork](#) and [GeneWeaver](#), so that users can seamlessly transfer data and results

Suggestions and feedback from the user community are encouraged. For more information, please communicate with [Charles Phillips](#). Production assistant is [Allan Lu](#).