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**The Yeast ORFan Gene Project**

An NSF-funded Research Coordination Network

* **Are you interested in implementing a Course-based Undergraduate Research Experience in your class?**
* **Do you want to establish a collaboration with others in the yeast field and get access to more resources?**
* **Do you want to start to new research projects in your lab?**
* **Are you looking to learn new techniques or a new model system?**

**Join us for the summer 2018 workshop**

June 11th-June 15th, 2018

at Rhodes College in Memphis, TN

Travel, room and board covered for all accepted participants

The 2018 workshop wet lab focuses on transcriptional reporters

with opportunity for RNA-Seq analysis

To apply, save this file with your last name\_initials at the beginning of the filename (e.g. Keeney\_JB-2018 NSF RCN-UBE yeast ORFan workshop application). Complete each of the questions below, and email to Jill Keeney at keeney@juniata.edu by **February 26, 2018.**
Application of teams is encouraged, but not required. Inter-institutional teams are encouraged. Please read the workshop description at <http://www.yeastorfanproject.com/> for more details.

**A. Contact Information.**

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| **Participant 1**Name: Department: Institution: Address: Phone Number: Email Address:  | **Participant 2 if a team –**faculty undergraduate (circle one)Name: Department: Institution: Address: Phone Number: Email Address: |

**B. Background and Experience**

1. What courses do you currently teach?
2. Briefly explain how, at your institution, you might be able to incorporate yeast genetics into your teaching.
3. Do you have experience in yeast biology? (previous experience not a requirement for participation. This information helps with workshop planning.)
4. Do you have experience mentoring undergraduate research? (previous experience not a requirement for participation. This information helps with workshop planning.)
5. The ORFan gene project defines an ORFan as: "GO term with “no known function” in either molecular function or biological process". Other genes could be defined as appropriate for network involvement based on available information. Briefly describe your area(s) of biological interest and expertise and give a list of at least three ORFans genes that you are interested in studying. [See the document "Identifying ORFans on the ORFan project web site. If you need help, contact Jill Keeney at keeney@juniata.edu.]
6. In one page or less, explain why you would like to attend the workshop, including how it will benefit your academic and/or professional development and your department.

7. Are you interested in obtaining RNA-Seq data on your selected ORFs?

If yes, briefly explain what question(s) you hope to address with an RNA-Seq data set. [Note: Accepted participants interested in RNA-Seq analysis will need to grow cells and send fixed cultures by the end of March. Instructions will be provided.]

**C. Agreements**

1. I agree to hold a teleconference with other attendees from the workshop or in the ORFan gene network during the academic year following the workshop. ☐yes
2. I agree to administer the yeast ORFan pre- and post-activity assessment test for students and to complete the faculty post-utilization survey ☐yes
3. I have signed up for the yeast ORFan network membership at <http://www.yeastorfanproject.com/> **before the February 26, 2018** **workshop application deadline**. ☐yes

**D. Please include a CV for each participant.** If you propose to come with a student, please write a paragraph attesting to the student’s career interest, academic capacity, and leadership potential.