

# 2012 ASM/JGI Bioinformatics Residency Individual Application Form

All application materials must be submitted electronically as attached documents to [facultyprograms@asmusa.org](mailto:facultyprograms@asmusa.org) with the following subject line: ASM-JGI Bioinformatics Residency [insert applicant name here]. Applications are due on or before **November 15, 2011**.

Name \_\_\_\_\_

Job Title and/or Academic Rank \_\_\_\_\_

Discipline and/or Professional Field \_\_\_\_\_

Institution \_\_\_\_\_

Department \_\_\_\_\_

Campus Address \_\_\_\_\_

City/State/ZIP/Country \_\_\_\_\_

Work Phone Number \_\_\_\_\_

E-Mail Address \_\_\_\_\_

Academic or personal website (optional) \_\_\_\_\_

Team Applicant  Yes  No; If yes, list team members: \_\_\_\_\_

## Application packets should include:

1. ASM/JGI Bioinformatics Residency Individual Application Form

2. ASM/JGI Bioinformatics Residency Institutional Form

3. 2-page curriculum vitae

4. Statement confirming availability to participate in all aspects of the yearlong ASM/JGI Bioinformatics Residency including:

- ASM/JGI Bioinformatics Institute, March 7-10, 2012, Washington, DC
- Pre- and post-Institute readings and assignments
- Follow-up capstone session at ASM Conference for Undergraduate Educators
- Poster presentation at ASM Conference for Undergraduate Educators within two years of completing the Institute
- Submission of a curriculum resources to MicrobeLibrary within three years of completing the Institute
- Bioinformatics Scholars listserv community
- Five-year tracking of your professional development by ASM

5. Proposal with applicant name and institution in header. Limit responses to five total double-spaced, numbered pages:

- Description of your teaching responsibilities in previous *three years* including course title and level, and number and types of students (biology majors, microbiology majors, nursing/allied health, biology/biotechnology, non-science majors, etc.) enrolled
- List of professional development activities in previous *three years*. Describe the length and nature of these activities.
- Description of your professional goals for attending the Program. Be sure to describe any future research projects that may benefit from the inclusion of bioinformatics/genomics training. Describe how training will benefit undergraduate students and be incorporated at the institution.
- Description of outreach activities in previous *three years*, including the number and types of people reached within the previous three years.

6. A letter of support from an institutional administrator advocating applicant's participation in the program and detailing infrastructure and institutional support available to applicant to incorporate bioinformatics and genomic sciences into the curriculum. The letter should describe plans to expand the applicant's work across the undergraduate curriculum in order to encourage interdisciplinary training on campus and regionally or nationally. The letter must be sent electronically and originate from the administrator's e-mail account. Send letter to [facultyprograms@asmusa.org](mailto:facultyprograms@asmusa.org) with the following subject line: ASM-JGI Bioinformatics Residency - [insert applicant name here].

**Please note:** If you are applying for travel support from your institution, it is important to remember that the ASM/JGI Bioinformatics Residency requires participation in a follow-up session at the ASM Conference for Undergraduate Educators and a poster presentation at the same conference within two years of the Institute.

Questions about the application process should be directed to ASM Education Programs and Resources, [facultyprograms@asmusa.org](mailto:facultyprograms@asmusa.org).

# Guidelines for Preparing Team Applications

The Bioinformatics Residency encourages applications from teams of three to five faculty members from one institution on the same campus, but from diverse disciplines (e.g., math, computer science, biology, genetics, biochemistry, microbiology, etc.). Preference is given to:

- Teams from one institution
- Faculty from community colleges or minority-serving institutions
- Faculty from underrepresented groups in science
- Faculty in early- or mid-career tracks (e.g., 5 to 15 years of full-time teaching)

Applying as a team requires individual applications from each team member. However, team applications must adhere to the team guidelines and practices as outlined below. Please note that additional criteria, such as synergy and collaboration, will be reviewed for team applications. If accepted into the Residency, each team member must participate in all components of the yearlong program (e.g., pre- and post-institute assignments, research project, participation/presentations during the Capstone experience, and follow-up surveys).

Research suggests that team applications are effective if the teams are carefully formed. In higher education reform efforts, it is best to construct diverse teams with both junior and senior faculty members rather than all junior or all senior faculty. The Residency reserves the right to accept entire or partial teams into the Program. If you have additional questions, please contact [facultyprograms@asmusa.org](mailto:facultyprograms@asmusa.org).

## Team Application Guidelines

### Individual Application Requirements

Each team member must indicate on the Residency Application Form that they are part of a team and list their team members. Individuals need to submit:

1. Residency Individual Application Form
2. Residency Institutional Form
3. Curriculum vitae
4. Statement of participation
5. Five page essay describing teaching responsibilities, professional development activities, professional goals, and description of outreach activities.

### Team Application Requirements

#### ***Letter of support***

If all members of the team are from the same institution and work in the same department, they may submit a joint letter of support. If teams are interdisciplinary, each applicant should submit a letter of support advocating the applicant's participation and describing institutional/departmental support as described in the application requirements.

#### ***Required Additional Team Essay***

Teams must submit an additional 1 page essay which outlines each team member's role on the team. Copies of the essay should be attached to each individual application. The names of all team members should be listed on the essay page.

**ASM/JGI Bioinformatics Institute**

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