

Date: December 18, 2013

RE: Bioscience Industrial Fellowship Project-June 2-27, 2014, Winston-Salem, NC

Greetings,

We are pleased to inform you that the Advanced Technological Education's *Bioscience Industrial Fellowship Project* (BIFP), funded by the National Science Foundation, is accepting online applications at: <https://www.surveymonkey.com/s/GCM88KZ>. Candidates must be nominated by their home college's administration and be accomplished instructors with strong leadership potential, high impact and an interest in learning/sharing new insights from the bioscience industry. Other criteria include:

- b. Minimum of one year's experience teaching at the CC level
- c. Currently in good standing with their home institution
- d. A full-time or part-time employee of their home institution
- f. Candidates must exhibit a willingness to share data on the outcomes of this experience

The deadline for submitting an application is February 21st with the selection process expected to be completed by March 21st at which time award notifications will be sent out. For more information you may visit the websites for the National Center for the Biotechnology Workforce at www.biotechworkforce.org; the NSF-ATE Bio-Link website at www.bio-link.org; or the Northeast Biomanufacturing Center and Collaborative at www.biomanufacturing.org.

Thank you for your nominations and your candidate's application.

Sincerely, 

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National Science Foundation
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NSF-ATE DUE Grant # 1304010

Bioscience Industrial Fellowship Project

Vision:

To create a nationally recognized project that can be replicated at other community colleges across the nation

Mission:

The *Bioscience Industrial Fellowship Project* will de-mystify the bioscience industry by developing and implementing an innovative professional development model that utilizes multi-institutional partnerships to enable high-impact instructors to further understand industry principles and prepare them to guide their students toward careers in today's bioscience workforce.

The Bioscience Industrial Fellowship Project (BIFP) is based at Forsyth Technical Community College in Winston-Salem, NC and in collaboration with Rowan-Cabarrus Community College in Kannapolis, NC and Alamance Community College in Graham, NC. The National Science Foundation is funding this project through the Advanced Technological Education Program DUE Grant # 1304010. The National Center for the Biotechnology Workforce is implementing this project in which twelve community college instructors from across the nation become **Fellows** for a month and gain a panoramic view of the bioscience industry in North Carolina. Fellows participate in boot camps at 3 community colleges with hands-on lab experiences and shadow workers in various departments at a dozen different industrial/university hosting facilities. This activity will:

- Equip participants with new industry-oriented contextual bioscience learning modules
- Help instructors and their students understand the real-world relevance of STEM coursework
- Promote career interest in life sciences
- Develop leadership qualities among the fellows to aid them in effectively disseminating their bioscience industry experiences with their peers.

Partners in this project include the Wake Forest Institute for Regenerative Medicine (WFIRM), Biomanufacturing Research Institute and Technology Enterprise (BRITE) at North Carolina Central University, the BioNetwork's Pharmaceutical and Analytical Training Lab and Capstone Center, The Joint School of Nanoscience and Nanotechnology at UNCG, the David H. Murdock Research Institute (DHMRI), Commercialization at Wake Forest Innovation, Biogen Idec, Targacept, Patheon (formerly, Banner Pharma), TransTech Pharma, and Tengion.



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Frequently Asked Questions:

1. How do you qualify to be a Fellow?

- a. Accomplished instructors with strong leadership potential, high impact & an interest in learning/sharing new insights in the bioscience industry
- b. Minimum of one year's experience teaching at the CC level
- c. Currently in good standing with their home institution
- d. A full-time or part-time employee of their home institution
- e. Nominated by their administration
- f. *Candidates must exhibit a willingness to share data on the outcomes of this experience*

2. How do I apply?

- a. Completed application (link to the application can be found online at www.biotechworkforce.org)
- b. Essay describing your interest in and expectations of the outcomes from the *BIFP*
- c. Current Resume
- d. Two letters of reference
- e. Telephone interview by selection committee

3. Is there compensation for participants?

Meals, transportation and lodging will be furnished. There will also be a \$500 stipend per Fellow.

4. Is past training in the biosciences required?

No, all disciplines are encouraged, but an interest in science and laboratory work will be extremely valuable. If you do have bioscience industry experience, you must have been out of the industry for at least five years.

5. When and where will this project occur?

The Fellowship experience will take place in North Carolina and be based in Winston-Salem. Two cohorts are planned and activities are scheduled to occur in June of 2014 for the first cohort and June of 2015 for the second cohort. Each group will continue their activities and share their experience when they return to their home institutions.