

**Juanita Shaffer-Ratzlaff**

**NSF Teaching Partner**

**NSF GK-12 Project:** Northeastern University  
[GK-12-PLUS \(Partners Linking Urban Schools\)](#)  
URL: <http://www.gk12.neu.edu>

**Partner School:**  
**English High School**

**Degree:**  
**BS Biology**  
**MEd Secondary Science**  
**Education**

**Years Teaching: 3**



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**Special Accomplishments/Interests**

- Authored and/or contributed to 19 peer-reviewed journal articles in the field of transplantation immunology and hematology during her eight years working at Massachusetts General Hospital / Harvard Medical School Transplantation Biology Research Center (TBRC).
- Facilitator of Biology: A Human Approach Summer and Monthly Curriculum Support Meeting at the Campbell Resource Center 2007-Present
- Co-instructor of Boston Science Partnership sponsored Biology II Contextualized Content Course at UMass Boston 2008
- Member of the English High ILT 2007-Present  
Facilitator of English High School Science Department CCLS 2007-Present
- Mentor of a 1st place winner of the Boston Public Schools Regional Science Fair 2008

**How will you continue to integrate an aspect of GK-12 and your partnership with graduate students into your teaching, philosophy, etc.?**

I think it is valuable to expose students to individuals actively engaged in scientific research. In addition, I think the experience gained from having a colleague to collaborate with regarding both content and pedagogy will have an impact on my practice. I hope that participation in the GK-12 program will improve my ability to create authentic experiences to engage my students and improve learning.

**Profile date: September 2008**