

Five Categories of Positive Impacts for Scientists Involved with Educational Partnerships

Scientists benefit as...	Identified outcome categories
Communication Skills	<ul style="list-style-type: none"> • On communicating research • On valuing communication skills
K-12 Education Insights	<ul style="list-style-type: none"> • On the K-12 system and schools • On teachers • On young students
Partnership Insights	<ul style="list-style-type: none"> • On being an effective partner • On the value of collaboration
Pedagogical Skills	<ul style="list-style-type: none"> • On assessment • On equity • On inquiry • On lesson planning
Professional Identity Shifts (noted for graduate students)	<ul style="list-style-type: none"> • On the role of scientists in K-12 science education • On their future teaching practice • On their future research science careers • On their expanded definition of data collection/research

Figure 2.

(Adapted from: Busch, A.K., and Tanner, K.D. (2008). Utilizing K-12 Science Education Partnerships to Develop Better Science Scientists: Integrating Pedagogy and Partnership Experiences into Graduate Science Training. National Association for Research in Science Teaching Annual Meeting, conference presentation, Baltimore, MD; April 2008.)