Evaluation Planning:
PRF Workshop on the Chemistry of Information Technology

**Workshop Goal:** To educate and inform a diverse workforce as well as to integrate research and education. *(taken from education report)*

**Audience:** undergraduate students, graduate students, post-docs, university faculty, community college faculty, industry scientists, K-12 science teachers

**Evaluation Purpose**
- Inform EHRDO activities, including future workshop design (formative)
- Determine the effectiveness of the workshop (summative)

<table>
<thead>
<tr>
<th>Workshop Component</th>
<th>Evaluation Questions¹</th>
<th>Data Collection</th>
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| Overall workshop         | Was the workshop effective, appealing, and useful?  
  • Did the workshop meet the expectations of participants?  
  • Which sessions were most effective, appealing and useful?  
  • How do participants plan to use the knowledge and skills learned from the workshop?  
  • What challenges do participants face in implementing the knowledge and skills learned from the workshop?  
  • What suggestions do participants have for changes in the workshop to make it more effective, appealing and useful? | General Post-survey |
| Web Modules Session      | <AZ folks we need your help here!*  
  Is module content and pedagogy appropriate?  
  Is module design clear and appealing?  
  Is module easy to use?  
  Is module/would module be an effective and useful instructional tool?  
  Is module/would module be easy to implement instructionally? What are the challenges to module implementation?  
  What suggestions do participants have for module development? | Some possibilities:  
  • Usability testing  
  • Focus group  
  • Survey |
| Evaluation Session       | What are the appropriate goals and objectives for the EHRDO?  
  What and whose needs is the EHRDO addressing?  
  What are the right set of activities and strategies for the EHRDO?  
  What processes should be in place to make implementation effective? | Focus groups with:  
  • ANLO participants  
  • University faculty and post-docs  
  • Graduate and undergraduate students  
  • Community college faculty  
  • K-12 science teachers |

¹“Evaluation Questions” are questions to be addressed by the evaluation to determine if goals/objectives have been met. They are NOT questions to be used in data collection (i.e., they are not survey items or interview questions). They guide all evaluation activities including who to collect data from, how to collect data/instrument development (survey, interview, etc.), when to collect data, and how to analyze and interpret results.
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