Supplemental Material

CBE—Life Sciences Education

Van Wart et al.
**Table S1. Example assessment approaches for experiential learning (EL) activities**

| Activity | Survey Instrument | Questions |
|----------|-------------------|-----------|
| Virginia Tech, Job Sim (career paths), Quantitative Survey | Experiential, Reflective | Q: What were your key takeaways from the experience? |
| Vanderbilt, Site Visit | Experiential, Reflective | Quote #3: “The very valuable thing I learned from this program is that not all industry/pharmaceutical companies are the same. I felt like every company we visited was very different from the others. We saw a variety of cultures, interests, flexibility on innovation, automation, etc. This helped to enlighten me on the field and help narrow my interests…” |
| UC Davis, Shadowing, Qualitative Survey | Reflective | Quote #1: “Apart from the knowledge and hands-on experience, one thing to read about these companies, but it’s completely different interacting with the scientists and seeing how the scientists interact with each other first hand.” |
| UCSF, Internship, Qualitative Survey | Reflective, Prospective | Quote #2: “I learned that I would rather work for a large pharma company than a startup which I did not previously realize and that the need for a post-doc seems to be very company specific.” |
| Rutgers, Shadowing, Qualitative Survey | Reflective, Prospective | Quote #3: “My skill level has greatly improved and I feel much more confident after spending time in the field with biomedical professionals that this is a long term career that I would like to pursue. I found that after shadowing, but I learned a great deal about how to handle difficult situations and communique more effectively both in a meeting environment and in a training environment.” |

**Calculations**

- 93% agreed that “After this trip, I am more aware of the career prospects…And in some ways it’s a risk to do that for myself!”
- 100% agreed that “Overall, I found this trip informing.”
- 93% agreed that “This trip increased my confidence in pursuing an industry career.”
- 100% agreed that “Overall, I found this trip informative.”
- 100% agreed that “I want to work in an industry-based lab instead of an academic lab. The job shadow gave me a taste of the difference between industry research and academic research.”
- 88% of participants responding rated their overall experience as excellent.
- 100% agreed that “I learned about the importance of patient advocacy specifically when it comes to government funding. I also was able to experience the relationships between patients and families have to contributing to research.”
- 90% reported they would pursue additional professional development training in a result of their experience. (prospective)
- 100% would recommend the mini-internship to a colleague or classmate.