



## Final Report, Fall 2014

The following report includes a summary of SLA activities from the fall 2014 semester.

### Program Statistics

- SLA was offered with 16 courses in 36 sections. This compares to 17 courses in 30 sections from Fall 2013.
- There were 25 facilitators, 15 of which were first-time facilitators.
- A total of 19 faculty members participated in SLA, compared to 22 last fall.
- SLA served 862 students, which is down 197 students from fall 2013. There are fewer faculty members participating, and Perkins funding is no longer available.

### New Courses and Initiatives

- BIOL 122 was a new course this fall.
- Early in the semester we heard from several faculty that additional SLA support was needed, and we authorized workshop support for these classes. The workshops were held for BIOL 108, 121, and 321, and CHEM 114 and 121. SLA facilitator comments are listed below.

#### Comments:

**BIOL 121 – Dr. Fadayomi:** I conducted two review sessions weekly (Monday and Wednesday at 2:00 pm) for a section of this class that needed additional content reinforcement. Eight students attended these review sessions and were very thankful for the additional assistance. Several of these students did very well on the final two exams.

**CHEM 121 – Dr. Partigianoni:** My biology SLA students, nearly all of whom were also taking chemistry with Dr. Partigianoni, expressed a need for help with their chemistry. In response, I conducted a weekly review session (Wednesday at 11:00 am) for these students. 5-10 students came with chemistry questions each week, and indicated that they found it very helpful. This session seemed to be quite effective, and I would definitely consider offering this type of review in the future.

**BIOL 321 – Dr. Daubert:** In early October, I began attending Dr. Daubert's lectures and conducting a weekly review session for her students (Friday at 11:00 am). 15-25 students attended weekly and were very thankful for the extra assistance. I also made worksheets and practice tests for these students. Dr. Daubert was also appreciative of the assistance to her students, and I hope to continue these review sessions during the spring semester, as the students continue with the second half of the course (BIOL 322). BIOL 321-322 is one of the

most challenging courses that many of our students (pre-pharm, pre-med, pre-dent, pre-opt, pre-vet) take, and I would suggest making this an SLA-supported course in the future.

## **Outcomes for fall 2014**

There were several courses that stood out this semester, including ACCT 201, BIOL 121, CHEM 121, and MATH 115.

- ACCT 201 had a pass rate of 89% which was 9% higher than the NSLA and SLAC groups. This was despite lower ACT scores for students in the SLA sections.
- The pass rate for SLA in BIOL 121 was 95%, which was 25% higher than the SLAC group, and 18% higher than the NSLA group.
- The pass rate for SLA in CHEM 121 was 93%, which was 12% higher than the NSLA group, and 5% higher than the SLAC group. Note that the ACT scores and high school GPA's were significantly lower in the SLA group than the NSLA group.
- The pass rate for SLA in MATH 115 was 85%, while the SLAC had an 80% pass rate.
- For the first time, outcomes for MATH 110 had little difference between SLA and non-SLA sections.

## **Student Comments**

- SLA was very helpful when I had no clue what we were talking about SLA helped clear it up and the best part were the worksheets.
- SLA has helped me achieve higher grades and become better at the classwork.
- My SLA experience made me get a better grade and feel more prepared for Math 115.