DATE: December 12, 2017

TO: Adrienne Hypolite

FROM: Doreen Finkelstein, Research Analyst

RE: Owl Scholar analyses for program review

Introduction:

        This study looked at the demographics and success rates of students who were referred to the Owl Scholar program in the 2016-17 academic year.
        In order to be eligible for referral to the Owl Scholars program, students had to be enrolled in one of the following 11 courses:
        x Math 1A, Math 105, Math 220
        x English 1T, English 110, English 209
        x ESL 25, ESL 227, ESL 236, ESL 237, ESL 249

        The study looked at all students who were referred to the Owl Scholars program, regardless of whether or not they received program services. Most students were referred to the program by faculty between the third and fourth weeks of the quarter (around Oct. 13-20 for fall quarter, Jan. 27-Feb. 3 for winter quarter, and April 24-May 5 for spring quarter). A few students were self-referred.

Results Overview:

        x 399 students were referred to the Owl Scholars program for 430 courses.

        x Student groups more

- x Student groups less likely to be referred than their classmates were
  - o Asian students
  - o White students
  - o Female students (except those enrolled in ESL)
  - o Students who did not report a low income
  - o Students who were 26 or older (except those enrolled in ESL)

- x Overall, Owl Scholars were referred for 38% of eligible sections. When an instructor referred students, the average number of students referred per section ranged between 4 and 9. Owl Scholars were referred for:

  - o 48% of eligible English sections
  - o 39% of eligible Math sections
  - o 26% of eligible ESL sections

- x Overall, students referred as Owl Scholars had a 33% success rate.
  - o Fall quarter success rate was /LBod.5 0 Td (5Td [(9m (n) r)-1 (a)-foTT1 d.5 0 Td c

x   Ethnicity findings: African American (-3% difference) and Latinx (-3% difference) students were slightly more likely to be referred than their classmates, while White (+5% difference) and Asian (+3% difference) students were slightly less likely to be referred.

x   Gender findings: Male students were more likely to be referred (-5% difference) than their female classmates (+6% difference).

x   Income level findings: Students who reported a low income ($25,000 or less) were slightly more likely to be referred (-4% difference) than their classmates who did not report a low income (+4% difference).

x   Age findings: Students who were 25 or younger were more likely to be referred (-6% difference) than their older classmates (+6% difference).

Table 1	
Owl Scholar Students vs.	
All Students Enrolled in Program Eligible Courses	

Student Group

1 looks at course enrollments, not unique students; students who enrolled more than once in a program-

4. What were the success rates of Owl Scholars for each course?

Table 3 shows, for each of the 11 program-eligible courses, the headcount of Owl Scholar referrals and the success rate (percent of students who achieved an A, B, C, or P grade divided by the total headcount).

Overall, Owl Scholar-referred students had a 33% success rate. The success rate for all students enrolled in these program-eligible courses was 67%, but the lower success rate for Owl Scholar-referred students is not surprising as these students were referred to the program because they were struggling in the class. Also, it is important to keep in mind that all students referred to Owl Scholars are included in this analysis, including students who were referred but did not receive any program services.

The success rate varied over the different quarters; winter quarter had the highest success rate (38%) while spring quarter had the lowest (27%). ESL courses had the highest success rates overall, while Math courses had the lowest. There was also a great deal of variance in the success rates of specific courses, both overall and by quarter.

Table 3 Owl Scholar Course Success Rates			
Course	Fall 2016	Winter 2017	Spring 2017

The list of program-eligible courses in 2016-67 was received from the program. The list of students enrolled in these courses was retrieved from the Banner ODS table Registration_Analysis. Demographic information for them was then obtained by joining these results to the Banner ODS table SS_Student_Term_Attributes.