

MULTILE REGRESSION ANALYSIS OF FACULTY SALARIES: POLICY IMPLICATIONS

*Shannon Taylor, College of Business, Montana State University, Bozeman MT 59717, (406) 994-619,
staylor@montana.edu*

Multiple regression analysis of faculty salaries at a large Western state university provided results of interest to decision makers as they struggle with trying to recruit and retain the best faculty they can afford.

The regression analysis produced the following results: Assistant Professors were paid \$55,250 on the average; Associates were paid an additional \$7,457 for a total of \$62,708; Full Professors were paid \$25,388 more than Assistants for a total of \$80,638. The overall F-ratio was equal to 78.45 with $df=2,295$ for a p-value of nearly zero.