PhD Funding Models

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| To: | KGI Faculty |
| From: | Travis Schlappi  Interim PhD Program Director  909.607.8587, [tschlappi@kgi.edu](mailto:tschlappi@kgi.edu) |
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| Subject: | PhD student funding models |

This memo is to explain KGI PhD funding for the academic year FA22-SP23. The two main costs of PhD students are the stipend and tuition. In the past, KGI faculty have been able to pay for PhD students’ stipend and tuition in one of the following models:

1. Faculty RDA pays 50% of the PhD student stipend, RIGGS pays 50% of the stipend; KGI gives a 100% tuition waiver (the student TAs 3 credits per year)
2. Faculty external grant pays 50% of the stipend and 50% tuition; RIGGS pays 50% of the stipend and KGI gives a 50% tuition waiver (the student TAs 3 credits per year)
3. Faculty external grant pays 100% of the stipend and 100% tuition (the student does not have TA responsibilities)

For this upcoming year, FA22-SP23, due to budget constraints, Model #1 is no longer available, and Model #2 will be constrained as follows:

* For every 1 industry-sponsored student that pays 100% tuition, we can accept 3 KGI PhD students under Model #2
* For every 1 industry-sponsored student that pays 50% tuition, we can accept 1.5 KGI PhD students under Model #2

These ratios were calculated as follows:

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| **Industry-sponsored PhD** | **KGI PhD Model #2** |  |
| +31,700 | +15,850 | tuition |
| 0 | -18,912 | stipend + benefits (average of last year) |
| -7,500 | 0 | PI salary |
| 0 | -3,400 | TCCS fee |
| 0 | +1,200 | TA savings |
| 24,200 | 5,262 | total |

PI salary is included for industry-sponsored PhD students because those students do not advance the research of the PI, so it is counted as part of their teaching load. The ratio calculated from this table is 4.6 KGI PhD students for every 1 industry-sponsored student (24,200/5,262 = 4.6); however, this table does not include overhead and other costs associated with admitting PhD students. As such, President has approved **3 KGI PhD students under Model #2 for every 1 industry-sponsored student at 100% tuition**. We do admit some industry-sponsored students **at 50% tuition, and they will enable 1.5 KGI PhD students to be admitted.**

These funding model constraints are temporary for FA22-SP23, and we will evaluate next year for the FA24 budget. For any questions or clarifications, please contact me (Travis Schlappi).