|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Student names  **Possible outcomes** |  |  |  |  |  |  |  |  |
| Publish with switch |  |  |  |  |  |  |  |  |
| Publish without switch |  |  |  |  |  |  |  |  |
| Omit the suspect data |  |  |  |  |  |  |  |  |
| Publish with a switch and a note |  |  |  |  |  |  |  |  |
| Do exp again |  |  |  |  |  |  |  |  |

**Issues and Points of Conflict (5 points; 4=5; 3=4; 2=3; 1=1)**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Prestige now vs. certainty of results |  |  |  |  |  |  |  |  |
| Advancing careers of previous students vs. teaching current students the value of checking their data |  |  |  |  |  |  |  |  |
| Publishing fishy-looking data vs. massaged data |  |  |  |  |  |  |  |  |
| Time doing new experiments vs. time spent on other projects |  |  |  |  |  |  |  |  |
| Prof. Americium’s reputation vs. reputation of the students |  |  |  |  |  |  |  |  |
| Subtotal |  |  |  |  |  |  |  |  |

**Interested Parties (3 points; 5-6=3; 3-4=2; 1-2=1)**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Professor Americium |  |  |  |  |  |  |  |  |
| Betsy and Ben |  |  |  |  |  |  |  |  |
| Professor Americium’s potential funding agency |  |  |  |  |  |  |  |  |
| Betsy’s and Ben’s institutions and future employers |  |  |  |  |  |  |  |  |
| Patriot University |  |  |  |  |  |  |  |  |
| Scientific community |  |  |  |  |  |  |  |  |
| Subtotal |  |  |  |  |  |  |  |  |

**Consequences (4 points; 5-6=4, 3-4=3, 2=2, 1=1)**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| To funding chances |  |  |  |  |  |  |  |  |
| To publication chances |  |  |  |  |  |  |  |  |
| To self-esteem |  |  |  |  |  |  |  |  |
| To advancement of science |  |  |  |  |  |  |  |  |
| To his career |  |  |  |  |  |  |  |  |
| To his students’ careers |  |  |  |  |  |  |  |  |
| Subtotal |  |  |  |  |  |  |  |  |

**Professor Americium’s Obligations (3 points; 5=3; 3-4=2; 1-2=1)**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| To act with honesty and integrity |  |  |  |  |  |  |  |  |
| To check his students’ work |  |  |  |  |  |  |  |  |
| To get funding for future work |  |  |  |  |  |  |  |  |
| To publish the students’ work |  |  |  |  |  |  |  |  |
| To inform co-authors of potential problems |  |  |  |  |  |  |  |  |
| Subtotal |  |  |  |  |  |  |  |  |

**Students’ Obligations (3 points; 4=3; 3=2; 1-2=1)**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| To keep good records |  |  |  |  |  |  |  |  |
| To analyze their data and catch possible problems as they go |  |  |  |  |  |  |  |  |
| To report concerns about data to advisor |  |  |  |  |  |  |  |  |
| To be intellectually engaged with their research |  |  |  |  |  |  |  |  |
| Subtotal |  |  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Reassess (3 points)** |  |  |  |  |  |  |  |  |
| Total |  |  |  |  |  |  |  |  |