First Reading: November 3, 2015

Second Reading: November 10, 2015

Pass: YES

Other: Later Overturned by Judicial Council

Resolution 8-15-F Bill to Assist the Physics Department

PURPOSE: For the Student Government Association of Western Kentucky University to fund an initiative of up to $1500 towards the purchase of new harmonic crystals that will be used to conduct new experiments for Physics majors.

WHEREAS: Western Kentucky University has hundreds of majors to offer to over 20,000 students both online and on campus, and

WHEREAS: In recent years, there have been large capital projects focusing on a select few departments and majors that have led to inadequate funding for some departments and majors, and

WHEREAS: All students that choose to come to Western Kentucky University are part of the fabric that make this university great and as such need to be able to have the most in-depth educational experience possible to obtain the necessary skills for life and their career after graduation, and

WHEREAS: According to our guest speaker on October 27th, 2015, the Physics Department has not received new optical equipment for departmental use since the early 1960s and is in dire need, and

WHEREAS: The items that are being bought are part of a groundbreaking new field of research involving specially designed crystals used for optical experiments. The items being bought will be used in countless upper-level physics experiments and are essential to demonstrate key concepts of optical physics inherent to an optical physics lab, and

WHEREAS: Physics majors in upper level classes are performing experiments that are incredibly simplistic and repeating experiments from basic physics classes due to a dearth of newer equipment, and

WHEREAS: In order to gain a competitive edge in the job market after graduation, WKU students need to have access to these types of newer items, and

WHEREAS: These devices would be available to the entire department and all students within the Physics major.

THEREFORE: Be it resolved that the Student Government Association of Western Kentucky University resolve to fund an initiative of up to $1500 towards the purchase of optic crystals and necessary items involved.

* ONE XYZ Translation Mount for Ø1/2" Optics, 8-32 Taps : $320
* ONE K6XS - 6-Axis Locking Kinematic Optic Mount: $252
* ONE LBO 403 Harmonic Crystal : $908
* **Total $ 1,490**

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