

Enlighten, Engage, and Emerge (E³): A Scalable Model to Inform Early Undergraduates of Engaged Scholarship Opportunities

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Problem

Freshman: "Why do I need to learn about surface tension? When am I ever going to use this?"

Senior: "How did I miss out on that awesome program? I wish I heard about it sooner."

Professor: "I want to engage my students but I do not have enough time to plan formal projects."

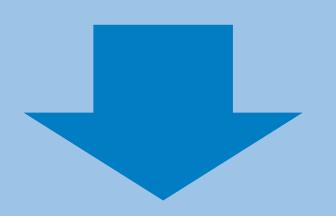
Existing Solutions

Involvement fairs & summer transition programs (Budny & Paul, 2004; Holzweiss, Rahn, & Wickline, 2007)

→ Lack reinforcement of material over extended time period

First year seminars (Adams, 2012)

→ Require significant faculty time



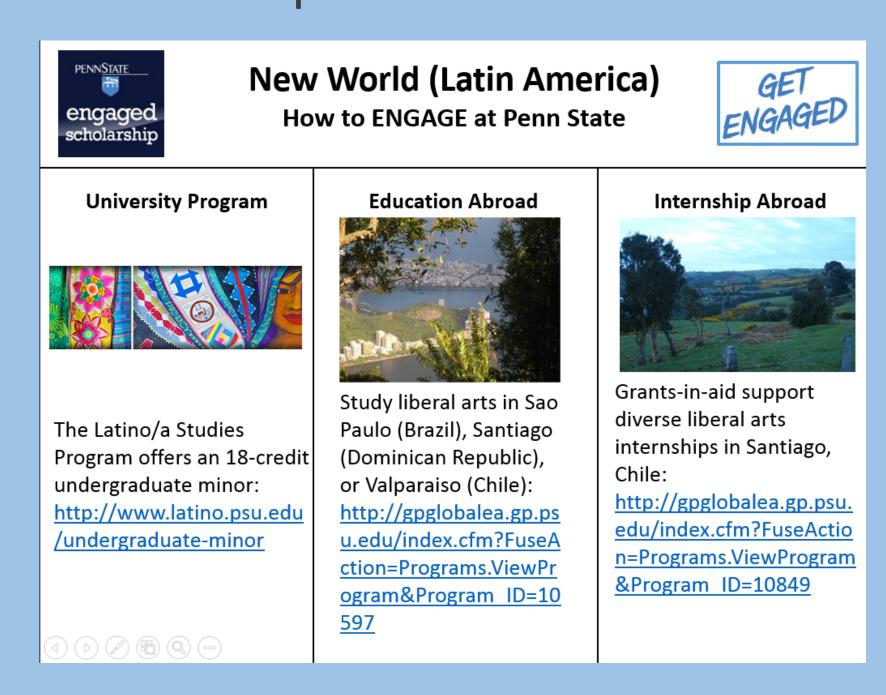
New Solution

E³ team makes PowerPoint slides for professors to show students immediate connections of course material to related Engaged Scholarship opportunities throughout the semester.

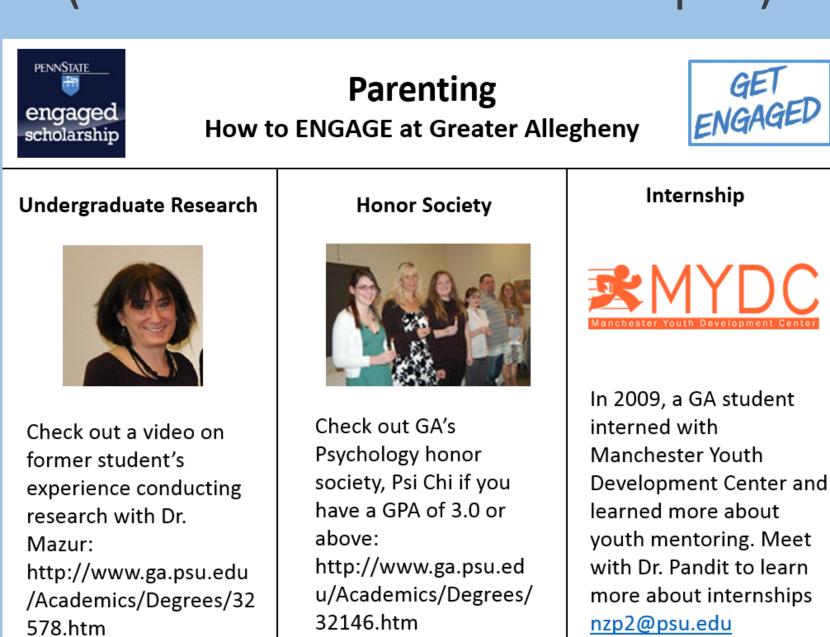
A Lean Approach to Build Institution-Wide Involvement

E³ Slide Examples

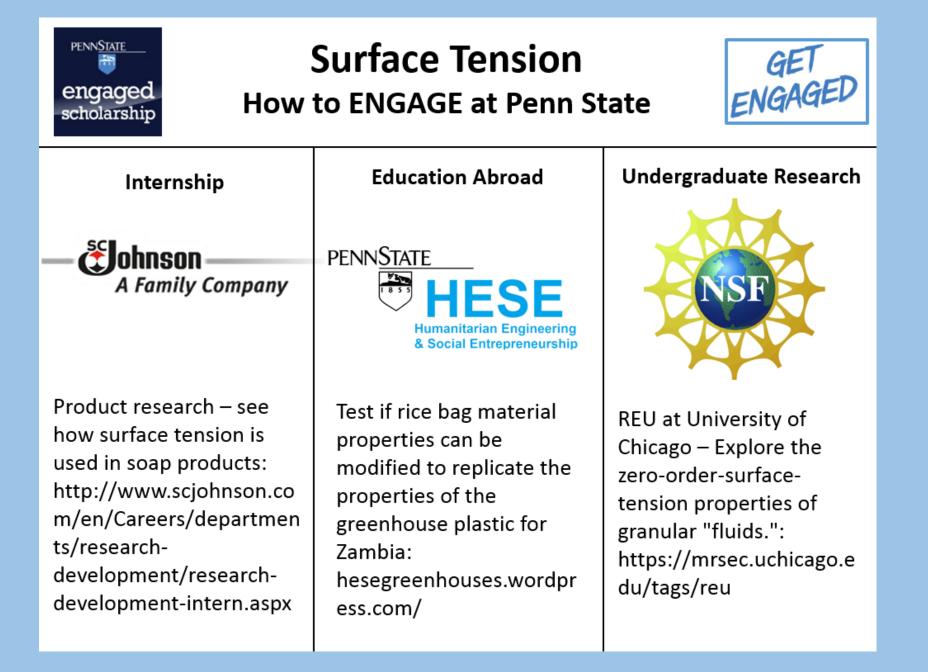
Comparative Literature



Psychology (For Commonwealth Campus)



Chemistry



Food Science (For Online & Adult Learners)



Lean Process

E₃ Team identifies large enrollment courses

Faculty member contacts

E₃ Team

 $\rm E_3$ Team identifies key topics from syllabus & creates 15-20 slides with related ES opportunities

Upon receiving slides, professor integrates them into their course slides & presents them throughout semester

Institutional Reach

Fall 2015:

13 Commonwealth Campuses

7 Colleges at UP Campus

17 Courses

52 Professors

7,991 Students

Assessment Plans

- Poll students at end of course on who followed up with an opportunity
- Track students and ask them in their senior year what ES they have done and where they found out about it

Conclusions

- Faculty & students value the slides
- Short term assessment results TBD
- Long term plans currently unfeasible but new ES institution-wide tracking system coming on board will enable

Acknowledgements

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References

Budny, D., & Paul, C. A. (2004). Integrating Peer Mentoring into the Freshman Curriculum. Frontiers in Education, 2004. FIE 2004. 34th Annual (pp. S3F/29 - S3F/36 Vol. 3). Savannah GA: IEEE. Holzweiss, P., Rahn, R., & Wickline, J. (2007). Are All Student Organizations Created Equal? The Differences and Implications of Student Participation in Academic versus Non-Academic Organizations. College Student Affairs Journal, 27.1: 136-150.

Adams, C. J. (2012). First-Year Seminars: "College 101 Courses for Applied Learning and Student Sucess". Education Week, 32:11. p 5.