Computer Science Professionals (CSP) Hatchery

Objectives

| Engaged Curriculum | VITaL Vertically Integrated Teaching and Learning | Diversity for Mutual Gain |

Revolutionize the teaching of computer science by:

- Creating a holistic learning environment that models the best practices of a software development company work experience
- Layering nurturing aspects that promote ethical questioning and value diversity
- Focusing on professional skills such as increased collaboration, communication, and teamwork.

Industry

Students

Continuous Innovation Together
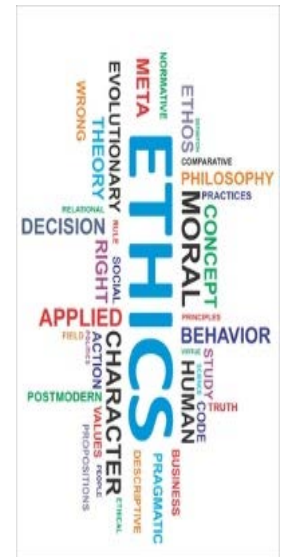
Faculty

Capstone Integration

Professional & Entrepreneurial

Ethical/Moral Infusion

Progress

- 14 HU proposals submitted (2/3rd faculty participation)
- Approved 6 HU courses
- RED team member on each HU development team
- Other departments at Boise State University are considering developing Hatchery Units

Next Steps

- Second round HU proposals planned:
  - ~3 additional required HUs
  - ~6 elective HUs (applies for CS electives)
- Threading HU content in other CS courses
- Capstone integration
- Establishing an Entrepreneurial Emphasis
- Research and Publication

Challenges

- Ingrained biases and comfort zones
- Building student and faculty buy-in
- Logistics
- New course development
- Modifying courses to utilize Hatchery concepts