MJSRoth: Sabbatical Logic Model

Resources

Time

Funding:
- Faculty Travel Funds
- Professional Development Funds

Strategies/Projects

Read:
- See detailed list

Travel:
- AAC&U STEM meeting
- Meet with NSF program manager
- PKAL regional meeting
- HHMI: Breaking the Gender Bias Workshop
- Sharing Solutions Think Tank
- ASEE annual conference
- Union College ELE conference

Develop and practice skills with:
- Evernote
- iPad (as portable white board)

Regular writing practice

Projects:
- PKAL SLI 2014 – Co-lead
- PKAL SLI 2015 – Co-lead
- NSF Blue Ribbon Committee
- NSF Committee of Visitors
- Langan faculty internship
- Develop new FYS
- Develop new ES 101 module
- Initial prep to teach CE 203
- History of Lafayette Engineering
- Mentoring faculty learning community
- Join Teagle Faculty Group
- Re-new faculty web page

Outcomes/Outputs

- New collection of geotechnical-related stories for classroom
- New collection of pedagogical approaches that align with current best practices
- New understandings related to best practices to support inclusive excellence in classroom
- Three or more ideas for future research projects
- Three or more ideas for pedagogical projects
- Skill in using
  - Evernote
  - iPad as white board
- Writing products
  - History of Engineering
  - Framing Leadership paper
  - Faculty Internship article
  - Draft research proposal (Topic: bio-inspired foundations)
  - Blog posts
- Course materials
  - FYS: Design
  - ES 101

Impacts

- Prepared to resume full-time teaching both within CEE and as part of College's Common Course of Study
  - to regain fluency with respect to content in my academic area;
  - to be comfortable and ready to use, as appropriate, best practices in the use of technology;
  - to be comfortable and ready to use, as appropriate, best practices for inclusive pedagogy
- Initiated a research plan covering a three year time-frame
- Re-engaged/network with campus, regional, and national communities in the areas of
  - Geotechnical Engineering
  - STEM education
  - Engineering and the liberal arts