**Risks**

* **Impact of Chip Vulnerability** - Several weeks ago, there was [national news](http://www.latimes.com/business/la-fi-intel-chip-flaw-20180103-story.html) about an Intel chip issue that created vulnerabilities on systems across the world.  The fixes for this process effectively slow processors. How much slower they become depends on the situation, but as the article states, it can be as much as 25 - 35%. At this time, there are no benchmarks. Meanwhile EIT is assessing vulnerability and applying patches. Bottom-line is that we have to anticipate the possible degradation of LionPATH's performance. We already see degraded performance during registration due to the enrollment groups far larger than we advised following performance testing which showed significant degradation after about 6,000 simultaneous registration users. (Note this is quite different from 6,000 simultaneous users which is a regular occurrence that causes no problems.) Last semester, the largest enrollment appointment had about 10,000 users. Since then, we have taken measures to enable us to accommodate that traffic, but still cannot completely ensure a positive user experience. There is no easy technical answer. The more logical approach would be to reduce the number of students in a single registration period.
* **Early Admission/Awarding –** The LDMO cannot begin work on Early Admission/Awarding until we have detailed requirements from UAO and OSA. While UAO has provided a high-level request, they still have many business decisions before we can begin any part of the work. Given that a large portion needs to be ready for production before August 1st and we have estimated thatthe time required may be 2,500 to 3000 hours, it is urgent that we move to identify requirements promptly. A project plan is being worked out for this new initiative, including tasks, responsible parties, deadlines, and a communication plan (internal and external).

**Completed**

* Regular refresh of the QNA environment
* Provided Canvas team with data needed to identify the extent of the “muting” issue for all semesters
* Approved for migration to production in 1/19
  + Process to identify all possible duplicate ids; this is the first part of the automated merge process and a Top Ten item.
  + Fix for a World Campus interface per a Service Now request
  + Fix to improve performance for two long-running Student Aid queries (PE\_FA\_DL\_RECON\_2017\_NOT\_AT\_COD AND PE\_FA\_DL\_RECON\_2018\_NOT\_AT\_COD)
  + Final fix for bookstore textbook connection – the link will again connect students to materials for their specific courses.
  + Fix military data entry to provide the Veterans Programs Office with greater flexibility, allowing them to fully capture data they receive from students rather than forcing an “all or nothing” approach to data entry between the various tabs.

**In progress/ongoing**

* Strategy for using Fluid with 9.2 upgrade
* Addition/Clean-up of query descriptions
* Determining approach to migrating work centers which are not typical development objects
* Redesign of new public interface: public.lionpath.psu.edu slated to go live on 2/1/2018.
* Adding LionPATH jobs to Control-M scheduling system