## **Outline for Final Report**

## DRAFT - Outline for Final Report - DRAFT

- Executive Summary
- Types of IDs
  - Internal SP Identity
  - Institutional Identity
  - Federated Identities
  - Social Identities
  - Known Assurance Identities
- Use Case Dimensions
  - o Longevity of identity
    - Length of association (one-shot vs. short term vs. etc.)
    - Identities that are tied to/dependent on existing Identities (e.g., Parent access to student's grades or research partner access to local researcher's project)
    - Associations that extend beyond traditional (local) IAM lifecycle (prospect, alum, ex-employees)
  - o Sensitivity
    - Need for LoA
    - Need for MFA(?)
    - Other needs(?)
  - Level of linking to internal identities/environment/Level of Integration with IAM
    - Identities used to access a single SP
    - Linking external identifiers to (institutional) IAM entries (e.g., students using FB/Google as credential for campus account)
    - Creating new (institutional) IAM entries based on external IDs (e.g., VOs creating entities for external people)
- · Risks, Concerns and Issues of leveraging External IDs
  - Discussion of ACAMP concerns/issues list (External Identities Workgroup Meeting at ACAMP 2014-10-27)
- · Architectural Approaches for integrating external identities
  - o Directly at the SP
  - With an invitation service
  - O With an externalized authz service
  - Leveraging a gateway
- Recommendations (do we need a separate section, or should these be in the previous sections?)
- Specific Issues/Appendices (Items on the charge list not necessarily directly addressed above, or documents we've created to link to but not
  include directly)
  - Criteria for selecting external providers in a variety of usage scenarios
  - How a gateway would represent the properties of an external account to an application (?)
  - Approaches to account linking