**Request for:** Funding for development and hosting of User-Managed Access (UMA) interoperability test suite during 2015

**Requested amount:** $15,000

**Matching funding:** None currently

**Goals:** Foster interoperability and conformance of independently developed UMA implementations; encourage UMA implementation; vet the V1.0 candidate UMA specifications (while the specs are still in review)

**Description:** Engage with Roland Hedberg/Umeå University (and possibly others in addition) to develop open-source software that implements all three UMA software entity roles according to feature tests that exercise positive and negative aspects of the testable assertions in the UMA technical specifications; develop a test harness that enables convenient online testing and interop reporting of others' UMA-implementing software entities

**Justification:** The UMA WG charter calls for "Fostering the creation of multiple interoperable implementations". Now that the technical specifications are entering into a new period of stability and completion, with multiple implementations coming to light, the time is right to strongly encourage interop activities.

**Timeline:** We would like to move as quickly as possible to complete the writing of the feature tests and begin development and hosting of the test suite, so that the V1.0 candidate specifications and ongoing implementation efforts can benefit, in time for V1.0 rollout activities in April.

**Liaisons:** This project will benefit from coordination with and lessons learned from ongoing conformance testing efforts already being undertaken by Roland and Umeå on OpenID Connect.