

# Technology Prototyping Initiative

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# Technology Prototyping on Display



# Prototyping Lab Space in UGL



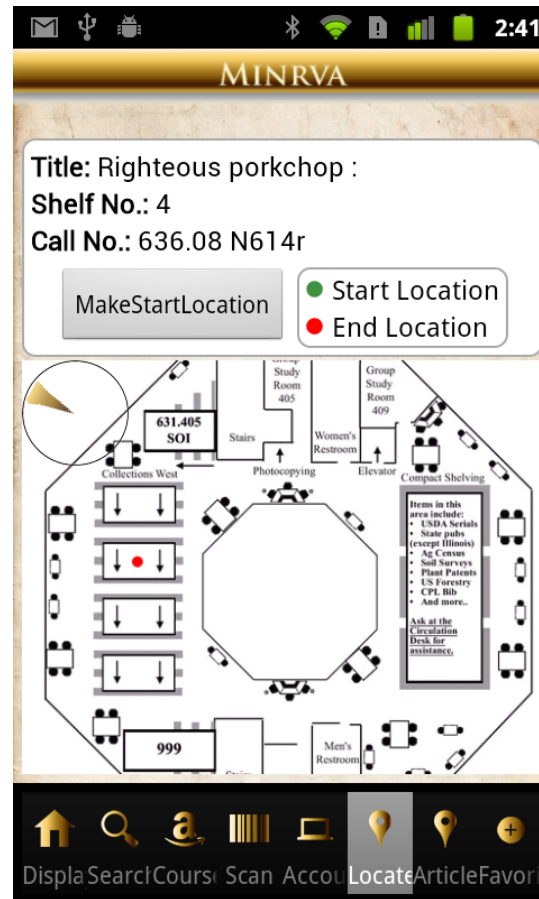
# Updates

- Funding began for diversity interns in Summer 2012. We completed project tasks in December 2012.
  - Two student interns applied to LIS school. One additional student applied to graduate study in computational neuroscience and used her work on the indoor positioning system in her application essay.
- Budget group approved funding for a Technology Prototyping Service, we have started work this Spring 2013. Service focus is still being shaped.

## Completed in Fall 2012

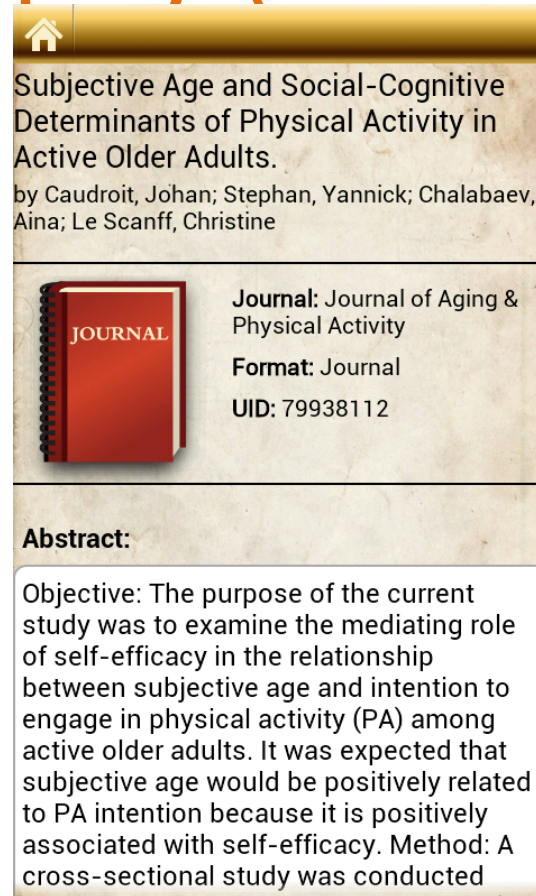
- Prototypes for ACES building wayfinding
  - Includes compass for orienting to location of items
  - Segmented point-to-point mapping
- User study on EBSCO Article Search API from an Android phone interface, coded by summer interns

# ACES wayfinding





# EBSCO API article search in mobile display (Android)

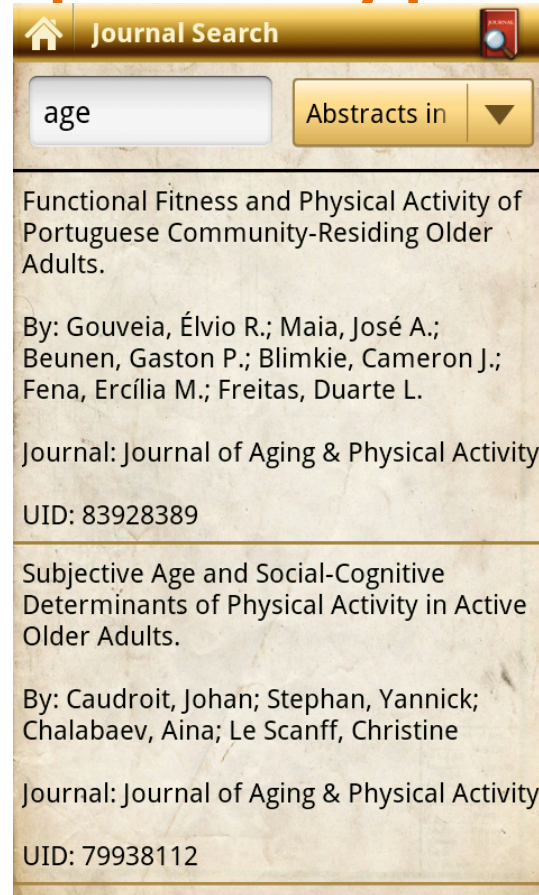


Subjective Age and Social-Cognitive Determinants of Physical Activity in Active Older Adults.  
by Caudroit, Johan; Stephan, Yannick; Chalabaev, Aina; Le Scanff, Christine

**Journal:** Journal of Aging & Physical Activity  
**Format:** Journal  
**UID:** 79938112

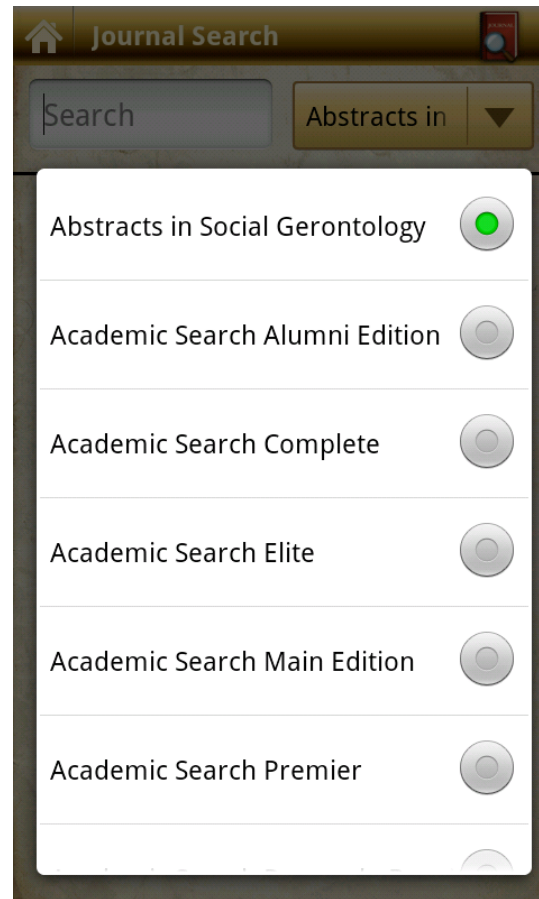
**Abstract:**  
Objective: The purpose of the current study was to examine the mediating role of self-efficacy in the relationship between subjective age and intention to engage in physical activity (PA) among active older adults. It was expected that subjective age would be positively related to PA intention because it is positively associated with self-efficacy. Method: A cross-sectional study was conducted

# Mobile app journal search prototype





# Mobile app EBSCO database selector



# Working on in Spring 2013

- Wayfinding support in Music Library
  - Re-working map database to incorporate all library locations with book stacks and multiple floors
  - Music library inventory support with Minrva web services pipeline
- Recommender tools
- Other faculty ideas?



# Planned for Summer 2013

- Faculty input needed....
- Wayfinding support for Main Stacks location