



| | INNOVATION FUND PROJECTS | Leads | Length | End Date |
|----|---|----------------------|---------|----------|
| | Spring 2013 Expedited Proposals | | | |
| 1 | Digitizing the Collection (Management System) | L Wright | 1 year | 06/30/14 |
| 2 | Curricular Innovation (<i>to pilot project 'Data in Courses'</i>) | K Kamp | 1 year | 06/30/14 |
| 3 | Music, Art, English Interdisciplinary Course | J Rommereim | 1 year | 06/30/14 |
| | Spring 2013 Planning Projects | | | |
| 4 | ALSO Online | C Moisan | 1 year | 12/31/14 |
| 5 | Why Language - Pre-Orientation Workshop | T Armstrong | 1 year | 08/31/14 |
| 6 | Language Learning Center | C Moisan | 1 year | 06/30/14 |
| 7 | Mental Fitness Center (<i>to pilot project 'Wellness Lounge'</i>) | S Schwartz | 1 year | 06/30/14 |
| 8 | Engaging Alumni in Crowdsourcing | C Jones | 1 year | 06/30/14 |
| 9 | 21st Century American Studies | H Rietz | 1 year | 12/31/14 |
| | Fall 2013 Planning Projects | | | |
| 10 | Makerspace | A Arsenault | 1 year | 06/30/15 |
| 11 | Summer Program in Korea | D Harrison | 1 year | 06/30/15 |
| 12 | Innovating in Sustainable Design | Mothershead/Queathem | 1 year | 06/30/15 |
| | Fall 2014 Planning Projects | | | |
| 13 | Languages for Life Center | T Armstrong/C Moisan | 1 year | 06/30/16 |
| 14 | Staff Think Tank | N Brown | 1 year | 06/30/16 |
| 15 | The Computational Turn | E Marzluff | 1 year | 06/30/16 |
| | Spring 2013 Pilot Projects | | | |
| 16 | MAPS Assessment | K Brouhle/B Graham | 1 year | 06/30/15 |
| 17 | Partners in Education-Academic Recovery | M Schneider | 3 years | 06/30/16 |
| 18 | Instructional Video Production Studio | M Conner | 3 years | 06/30/16 |
| 19 | Artists@Grinnell - Artist Residency Program | L Wright | 3 years | 06/30/16 |
| 20 | Crossing Cultures - Technology in Liberal Arts | T Armstrong | 3 years | 06/30/16 |
| | Fall 2013 Pilot Projects | | | |
| 21 | Data in Courses (<i>formerly Curricular Innovation</i>) | K Kamp | 2 years | 06/30/16 |
| 22 | Wellness Lounge (<i>formerly Mental Fitness Center</i>) | Christine Hood | 3 years | 06/30/17 |
| 23 | Alumni Engagement Across the Curriculum | M Peltz | 3 years | 06/30/17 |
| 24 | AppDev - Mobile Apps | Ajuna Kyaruzi | 3 years | 06/30/17 |
| 25 | Translation Collective | H Phan | 2 years | 06/30/16 |
| 26 | Introduction to Peace & Conflict, Blended Learning | B French | 3 years | 06/30/18 |
| 27 | Diversity in Sciences Conference | M Levandoski | 1 year | 06/30/15 |
| | Fall 2014 Pilot Projects | | | |
| 28 | Digital to Letterpress Collaborative Print Lab | J Chen | 3 years | 06/30/18 |
| 29 | External Respondents for MAPs | E Cohn | 3 years | 06/30/17 |
| 30 | Grinnell-in-China Digitization | M Johnson | 2 years | 06/30/17 |
| 31 | Integrating Off-Campus Study w/ Acad. Learn and Career | J Larson | 3 years | 06/30/18 |
| 32 | ALSO Online | C Moisan | 3 years | 06/30/18 |
| 33 | The Grinnell Virtual Choir | J Rommereim | 1 year | 06/30/16 |
| 34 | Interdisciplinary Use of XRF Spectroscopy | E Sharpe | 3 years | 06/30/17 |

Descriptions from the [Innovation Fund website](#)

2012-13 Expedited Projects:

1. Digitizing the Collection

The Faulconer Gallery, along with the Curricular Technology Specialists and the staff of the Grinnell College Libraries, will develop a prototype collection management system (CMS) as part of Digital Grinnell. The system created for Faulconer Gallery will be developed in such a way that it can be adapted for other collections on campus. An effective CMS created for Digital Grinnell will become the basis for future web based course projects, research on and off campus, and an expanded awareness of and utilization of primary source materials at Grinnell.

2. Curricular Innovation (Data in Courses)

The goal of this project is to simultaneously facilitate the design and implementation of innovative and technologically-sophisticated coursework by Grinnell faculty and to increase Grinnell's visibility by sharing the materials Grinnell has developed via the internet. The funding will support two Data Analysis and Social Inquiry Lab (DASIL) fellowships, one full-time year-long position for a recent graduate and the other to provide a single course release for a faculty member to develop innovative materials for teaching quantitative or qualitative engagement with original data, as well as website development.

3. Music, Art, and English Interdisciplinary Course

The project makes possible a team-taught course in composition, creative writing, and visual art to be offered in the spring of 2014. The advanced creative writing students, advanced studio art students, and advanced student composers will be developing collaborative projects, and the courses will culminate in a public performance and an exhibition.

2012-13 Regular Projects:

The Impact of MAPs on Student Outcomes

This pilot project will investigate the impact of Mentored Advanced Projects on student academic, personal, and professional success at Grinnell and beyond.

Partners in Education: An Academic Recovery Program for First-Year Students

This pilot project is designed to intervene with first-year students who have struggled academically in their first semester to build the skills and habits necessary for academic success.

Instructional Video Production Studio

This pilot project will create a modest video production studio with appropriate technology and staffing to combine necessary tools, a streamlined workflow, and knowledgeable staff to provide support in two key areas: faculty who wish to explore new technologies for increasing student engagement, and students who produce video essays or films for course work.

Artist Residency Program

Up to three artists per year will bring new work and creative processes to campus, to inspire undergraduates, to mentor faculty and staff, and to build partnerships with alumni and the surrounding community.

Crossing Cultures: A Vision for Using Technology in the Liberal Arts

A course will be developed that will utilize teleconferencing to bring together students from Grinnell and a Russian university in semester-long collaborations, with the goal of developing cultural and linguistic competency for both sides of this virtual exchange.

ALSO Online

This planning project seeks to explore the feasibility of creating online modules for the ALSO classes.

The Why Language Project: A Pre-Orientation Workshop

This planning project will design a pre-orientation workshop for entering first-year students who have minimal exposure to language study, or who less frequently study language or study abroad in college, to immerse these students in a series of activities designed to introduce them to college-level language study at Grinnell College, to assist them in transitioning from high school to college, and to help them more thoughtfully pursue and achieve success in language and international studies.

Language Learning Center: Creating a Community of Language Study at Grinnell College

This is a planning project to create a Language Learning Center (LLC) to provide faculty and students with a dedicated space to consolidate existing peer mentoring/tutoring programs and provide student workers with on-going training and supervision. It will also maintain a website/calendar with cultural and language-related campus events alongside featured language teaching and learning resources and technologies.

Mental Fitness Center

This planning project will determine whether there is a need to create a "mental fitness" center that promotes well-being through proven techniques employed in positive psychology.

Engaging Alumni in Crowdsourcing for College History

This is a planning project to make innovative uses of emerging technologies to encourage alumni to contribute information about, and transcriptions for, Special Collections materials related to college history.

21st Century American Studies

This planning project will examine the feasibility of launching a new program of 21st Century American Studies that will serve as an interdisciplinary hub for experiments in collaborative mentoring and advising, and will prepare students to navigate interdisciplinarity and understand the U.S. at a moment of uncertainty.

2013-14 Projects:

Alumni Engagement Across the Curriculum

Unlike other alumni engagement initiatives, this project is explicitly focused on advancing specific learning objectives in content-rich courses by leveraging alumni expertise and mentoring within the disciplines.

AppDev: Training Students to Produce Mobile Applications & Work in Collaborative Professional Development Environments

This project will develop and implement a training program for students interested in designing and/or developing mobile applications.

Grinnell Translation Collective

This project will cultivate literary translation as an integral practice of cross-cultural communication and highlight literary translations produced by students and faculty. Funding will support translation workshops for students and faculty, a new lecture and reading series devoted to the art of translation, and a publication of an anthology of literary translation.

Introduction to Peace & Conflict Studies Through Blended Learning

To fill an expertise gap on campus and meet student demand, this course will be taught by a professor and peace builder prominent in the field by using a blended learning model.

Diversity and Inclusion in the Science Classroom

The participants of this best-practices conference will be faculty and teaching and learning staff from the member institutions of the Liberal Arts Colleges Association for Faculty Inclusion who share similar goals, challenges, and resources to address diversity concerns.

Wellness Lounge

This holistic space will engage students, staff & faculty in mindfulness, meditation, yoga, martial arts, light/music/art/massage therapies, character strength training, health screenings, substance use management, and educational outreach programming.

Data in Courses

The goal of extending this project for an additional two years is to continue facilitating the design and implementation of innovative and technologically-sophisticated coursework by Grinnell faculty. Funding will annually support one post-baccalaureate position in DASIL and support for one DASIL faculty fellow to develop innovative materials for teaching quantitative or qualitative engagement with original data.

Creating and Sustaining a Makerspace at Grinnell

This planning project will explore the creation of a makerspace (a community-operated

workspace in which members of the community can collaborate and socialize while working on technologic/electronic art projects) at Grinnell.

Summer Program in Korea

This planning project will explore the feasibility and demand for a summer academic program in collaboration with Yonsei University in Seoul.

Innovating in Sustainable Design

This planning project will explore the building of a Sustainability Center. This center would be an educational home for sustainability-focused student groups and a laboratory that could act as a research tool for facilities management and academic programs on campus to test 'green' technologies and learn what works in Grinnell's particular environment.

2014-15 Projects:

Digital to Letterpress Collaborative Print Lab

This project will set up a contemporary and heritage print technology lab. The letterpress lab and polymer platemaking system will facilitate innovative and applied learning across disciplines and support the development of collaborative curricula.

Expanding Student Learning Communities: External Respondents for Multi-Student MAPs

This project will bring scholars from outside the Grinnell campus to provide commentary on student Mentored Advanced Project (MAP) papers, respond to student MAP public presentations, deliver public lectures, and provide feedback on student research to the Dean's Office and research mentors.

Grinnell-in-China: A Digital History Documentation Project

This project is the first stage of creating a pedagogically directed collection of materials related to the history of Grinnell College's engagement with China. Faculty, staff, and students will collaborate to collect materials, transcribe and develop metadata, and exhibit materials online.

Integrating Off-Campus Study Experiences with Academic Learning and Career Goals

This project will develop a pre-departure course and an online course to assist students in preparing for off-campus study experiences and to facilitate integration with other coursework and future career plans.

ALSO Online

This project will blend instruction in language classes in the Alternate Language Study Option program. It will build instructional modules, script lesson plans for tutors, and assess student learning using standardized oral proficiency assessment mechanisms. It will also assess the

chosen technologies using student surveys.

The Grinnell Virtual Choir

This project facilitates a new type of choral performance in which videos submitted by individual singers are combined to create a unified ensemble performance that is viewable online. The Grinnell Virtual Choir will enable alumni to collaborate artistically with one another and with current students. It will expand the work of current student ensembles by providing an individualized testing mechanism and adding a new avenue for choral singing beyond that of concert performances.

Interdisciplinary Use of X-ray Fluorescent Spectroscopy

This project will set up an X-ray fluorescence (XRF) spectrometer, an instrument that can quickly determine the elemental composition of solid, powder, and liquid samples with little preparation. The XRF will be used across multiple disciplines (including chemistry, anthropology, and geochemistry) and for research and community outreach projects.

Languages for Life Center

This planning project will explore the development of a Languages for Life Center (L4L Center), including lab development, workshop/orientation planning, staffing, and peer tutoring.

Staff Think Tank for Staff Development & Co-Curricular Innovation

This planning project will explore the possibility of establishing a Staff Think Tank to provide innovation in student learning and positively impact the retention and recruitment of talented staff. The planning grant will allow the proposers to research and collect campus information and create a map/analysis of current practices. Ideas for a future Staff Think Tank might include support for student research assistants for conference travel and presentation and staff support to present professional research at conferences and on-campus symposia.

The Computational Turn: High-Performance Computing at Grinnell

This planning project will explore high-performance computing needs on campus and propose innovative solutions and applications. Research will be collected on kinds of high performance computing systems and support that will address needs in the categories of big data handling, parallel processing, and raw computing speed. Comparisons will be conducted on outsourced solutions and stand-alone, high-performance desktop systems.