



The following proposal was funded by the Consortium of Academic and Research Libraries in Illinois with the stipulation that participating institutions commit to circulate (including interlibrary loan) all materials purchased to all CARLI members.

Please disregard any language in the proposal that places limits on the circulation of materials.

CONSORTIUM OF ACADEMIC & RESEARCH LIBRARIES IN ILLINOIS

PROPOSAL COVER SHEET
FY 2008

PROJECT: Green Technology Collection Enhancement Partnership

AMOUNT OF MONEY REQUESTED: \$13,500

HOST LIBRARY: Louis W. Biegler Library, Illinois Institute of Technology,
Rice Campus

HOST LIBRARY INFORMATION:

Contact Person: Nancy Weichert

Address: 201 E. Loop Rd.

City: Wheaton State: IL Zip: 60187

Phone: 630.682.6047 Fax: 630.682.6049

E-mail: weichert@iit.edu

Director of Host Library: Christopher Stewart

PARTICIPATING LIBRARIES, CONTACT PERSONS, & FULL CONTACT
INFORMATION:

(Include the name, title, full U.S. Postal address, phone number, and e-mail address
of a contact person at each participating library.)

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Introduction

The Green Technology Collection Enhancement Partnership consists of four libraries representing the curricular subject areas of architecture, landscape design, manufacturing technology, agriculture, building design and construction. We are requesting funds in order to fill gaps within the CARLI collection so that our I-Share catalog can better fulfill the needs of our various patrons. The field of green technology is growing at an increasing rate. This growth can be seen in the numerous publications focusing on the multifaceted areas of green technology. Over the past few months, we in the Green Technology Collection Enhancement Partnership have seen publication after publication within the numerous catalogs we receive daily. In order to maintain our consistent, relevant, and up-to-date I-Share catalog we believe that the Green Technology Collection Enhancement Partnership must be funded.

Now more than ever there is an increasing need for innovations based on the principles of green technology. The resources used to sustain the development of pre and post industrialized nations are being depleted at an ever-increasing rate. As institutions of higher learning it is our responsibility to make research materials dealing with the social, economic, and environmental impacts of technological advancements available. Programs across disciplines need resources to support their educational goals of creating a more sustainable world. The Green Technology Collection Enhancement Partnership seeks to develop library collections statewide so that all CARLI members can equally access the most current and relevant green technology curriculum related materials. We, in this partnership, believe that our collection enhancement proposal fits this year's theme "Access and Collections that Keep Pace with Curriculum and Technology" without fail. We are seeking new materials in order to directly support new developments in both the curriculum and the technology within the multifaceted field of green technology. All of the materials that we plan on collecting will be fully available so that all CARLI members will have equal access to their contents.

Benefit

Being that the Green Technology Collection Enhancement Partnership covers multiple disciplines the benefit of the resources collected will be widespread. It is hard to say with any true accuracy just how many CARLI schools incorporate the principles of green technology within their programs. Green technology can be studied through the eyes of those studying art to those studying engineering to those studying political science, it is a concept that we are now dealing with through the decisions that we make in our everyday lives.

The Green Technology Collection Enhancement Partnership agrees to promote the statewide use of our collections through various forms of media. These forms include, but are not limited to news media, word of mouth, listserv

announcements, and so on. More so, the sharing of these materials both within the state and beyond will naturally promote the collection.

Cost and Funding Plan

Here is included the cost breakdown for the Green Technology Collection Partnership. Please refer to the participant's statement for funds for a more detailed analysis of how funds plan to be used and monitored.

Institution	Subject	Amount
Illinois Institute of Technology -Graham Resource Center, Chicago	Green Architecture & Landscape Design	\$3,000
Illinois Institute of Technology -Biegler Library, Wheaton	Green Manufacturing Technology	\$2,500
Illinois Wesleyan University	Agricultural Sustainability	\$5,000
Parkland College	Green Building Design & Construction	\$3,000
Total Cost		\$13,500

Quality of Plan of Operation

Members of the Green Technology Collection Enhancement Partnership agree to identify titles within their stated subject areas in order to supplement, but not duplicate the statewide I-Share catalog. The individual participating library institutions will process and catalog all materials within six months of their receipt. Participants agree to share all materials collected under the Green Technology Collection Enhancement Partnership both within the state and beyond.

The host library, Illinois Institute of Technology, will facilitate ongoing communication as to the status of the plan of operation. A wiki will be created by the host library and updated by participants every month in order to keep track of purchased materials.

Expandability, Adaptability

The subject area of green technology is growing and evolving at an ever increasing rate. In the years to come resources in this field will continue to be of importance across multiple disciplines. As new technologies, government regulations, programs, and curriculums develop so will the need for library collections across the state of Illinois. It is our hope the CARLI member institutions will continue our efforts in creating an extensive green technology collection.

Quality of Plan for Evaluation & Plan for Reporting on Progress

All members of the Green Technology Collection Enhancement Partnership agree to report to the project lead the titles purchased, associated costs, and their publicity efforts. A report including circulation data will be presented to CARLI. All members agree to communicate with their faculty in order to ensure that materials purchased will indeed support the curriculum.

All members agree to adhere to the following timetable:

July 7, 2008	Expenditure Report—submitted to lead by all members
July 28, 2008	Selection Report—members submit difficulties, successes, publicity efforts, etc. to lead
Aug. 31, 2008	Project Summation Report Deadline—prepared and submitted by lead
Dec. 15, 2008	Follow-up Selections & Publicity—members report responses to publicity and selections
Mar. 30, 2009	Final Analysis—members begin compiling final analysis of successes and difficulties
May 25, 2009	Final Report—members submit final reports to lead
June 30, 2009	CARLI Final Report—lead submits final report

Explanations of Requests for Expenditures

Illinois Institute Technology, Louis W. Biegler Library

Subject: Green Manufacturing Technology

Contact Bibliographer: Nancy Weichert

Amount requested: \$2,500

The Illinois Institute of Technology (IIT), founded in 1890, is a highly selective private Ph.D. granting research and teaching university that awards degrees in engineering, science, architecture, business, design, psychology, social science, humanities and law through its seven colleges and institutes. Current undergraduate and graduate enrollment is 6,800. The Louis W. Biegler Library is located on the Daniel L. and Ada F. Rice Campus in Wheaton Illinois. As a branch the Louis W. Biegler Library supports the specific curricular goals of the courses taught at the Daniel L. and Ada F. Rice Campus. Located in the heart of the Illinois Technology and Research Corridor it is only natural that the degree programs at the Daniel L. and Ada F. Rice Campus focus on Information Technology & Management, Manufacturing Technology & Management, and Business.

The Louis W. Biegler Library is particularly interested in becoming the go to library for resources in the area of Green Technology Industrial Applications. This subject area is of specific interest at the Daniel L. and Ada F. Rice Campus which supports graduate level degree programs in Industrial Technology and Management. At the Illinois Institute of Technology resources in the areas of Green Technology Industrial Applications will directly support the established curricular goals. These goals are reflected in such courses as Resource Management, The Carbon Economy, and Transportation. In doing a search on resources available in WorldCat under the subject heading Green Technology Industrial Applications I found that there are 26 books. In searching I-Share for the same subject heading I found 6 items many of which were government documents.¹ As we can see there is a specific need for shareable resources in this subject area. Through doing basic publisher catalog reviews I have found an increase in the number of relevant publications. Our students and those of our fellow I-Share schools need to immerse themselves in the principles of green technology if they want to survive within the ever-changing industrial world. If award monies are received the Louis W. Biegler Library agrees to share all items purchased. Items purchased will thus be monographic circulating items.

The Illinois Institute of Technology agrees to cover the costs of processing, equipment for housing, cataloging, and maintenance of materials purchased with CARLI Collections Enhancement Awards Program funds. The Louis W. Biegler Library agrees to file any necessary reports to the Green Technology Collection

¹ Numbers were taken from WorldCat and I-Share on 2/03/07

Enhancement Partnership lead as well as the CARLI Collections Enhancement Awards Program.

Illinois Institute of Technology, Graham Resource Center

Subject: Green architecture & landscape design

Contact Bibliographer: Matthew Cook

Amount requested: \$3,000

In the Fall of 2006, Illinois Institute of Technology's (IIT) College of Architecture introduced its new Master of Landscape Architecture. The program is designed to equip students with knowledge of the history of landscape architecture and architecture, study of materials and infrastructure, ecological, botanical and geological processes behind landscapes, city and regional planning issues, alternate modes of urban growth and sustainability and energy-conscious design. The introduction of this curriculum and degree program is a clear indication that IIT is committed to the long-term care and development of Library materials purchased in support of this academic area.

Noting dually Chicago's important architectural history and its commitment to Green development, this collection would serve the architecture community in a city dedicated to environmentally friendly development. The Mayor and his administration fosters experimentation when it comes to Green technologies in Chicago and IIT's College of Architecture is active as evidenced by the City Council passing and ordinance November 15, 2006 to supply IIT with land to develop two model green homes.¹ Construction is already under way.

If successful, monies from this grant would be dedicated to reference and circulating collections to support our new Landscape Degree program and share resources with students, faculty, and the community in a state dedicated to Green development.

IIT agrees to cover the costs of processing, equipment for housing, cataloging, and maintenance of materials purchased with CARLI Collections Enhancement Awards Program funds. The Graham Resource Center agrees to file any necessary reports to the Green Technology Collection Enhancement Partnership lead as well as the CARLI Collections Enhancement Awards Program.

Illinois Wesleyan University, Ames Library

Subject: Agricultural Sustainability

Contact Bibliographer: Sarah George

Amount requested: \$5,000

Local scope description:

¹ *Greening of Chicago Starts at the Top Floor; Mayor Pushes Urban Ecology Into the Mainstream*, by Peter Slevin and Kari Lydersen, Washington Post, August 10, 2006

Agricultural sustainability has typically focused on maintaining crop production. However, over the last twenty years, increasing attention has been given to the environmental and societal effects of agricultural practices. Moving beyond the need for crop rotation and replenishing soil nutrients, the environmental aspects of agriculture are far-reaching in wildlife management and the food supply chain. Illinois Wesleyan University science faculty are documenting the residual effects of pesticides in wildlife and water systems. In support of this research and related interest throughout the state, a deeper collection in sustainable agriculture is needed.

My methodology for identifying an enhanced collection in sustainable agriculture compares holdings in WorldCat with SILC (Statewide Illinois Library Catalog). Preliminary research finds the following comparisons:

Subject Area ¹	WorldCat	SILC	Only 1 Copy in SILC	0-1 Copies in Illinois
Agriculture--Environmental Aspects	562	162	42	442
Sustainable Agriculture	962	220	107	849
Agricultural Ecology	302	96	35	241

¹ Limits used in this search: English language, published between 2000 and 2007, books or visual materials, not intended for juvenile audience

Furthermore, *The Bowker Annual* (2006) lists the average price for a book about Agriculture is \$66.59. To aid in narrowing the selection, I will give priority to titles that focus on issues Illinois residents face (e.g., selecting a book about the effects of agricultural runoff before a book about rainforest degradation). Therefore, I propose to purchase approximately 5% of the titles that currently not more than one Illinois library owns as reflected in SILC. To do so, \$5000 is requested.

Illinois Wesleyan University agrees to cover the costs of processing, equipment for housing, cataloging, and maintenance of materials purchased with CARLI Collections Enhancement Awards Program funds. The Ames Library agrees to file any necessary reports to the Green Technology Collection Enhancement Partnership lead as well as the CARLI Collections Enhancement Awards Program.

Parkland College, Parkland College Library
 Subject: Green Building Design & Construction
 Contact Bibliographer: Frances Drone-Silvers
 Amount requested: \$3,000

A survey by Siemens Building Technologies and *Construction* magazine shows that many large corporations are becoming more interested in green building technologies.¹ Over 40 percent of executives surveyed are including green buildings as part of their long-term business growth strategy. The study also shows a growing trend toward retrofitting existing buildings to meet green standards. The Green Building Council, a trade organization, estimates that the products and services market for green building exceeds \$7 billion.² Green design and construction affects design as well as materials used and incorporates high energy efficiency, low water use and other environmental features to reduce buildings' environmental impact.

A search of the I-SHARE catalog on January 22, 2007 shows 23 items with the subject headings "green products" and "building materials." Six of the items were published prior to 2000. Holdings are scattered throughout the state; no one library has a strong collection. A search of FirstSearch the same day with the same subject headings shows 90 items (including 73 books, 4 serials and 4 visual items).

With green building practices quickly becoming universal, it is important for students and faculty to know about the principles and issues involved and to have access to state of the art information. Parkland Library is requesting \$3000 to select and acquire books, videos, and DVDs in the area of green design and construction of all types of buildings – commercial, residential and public. The collection would include materials on choosing and using green building materials as well as retrofitting existing buildings. Parkland Library has already been collecting some materials in this area to support our Construction Design and Management Program and would continue to collect in this subject area. Parkland's program instructs about 130 students each semester and wants to provide state of the art instruction and support. The materials would be useful to students and faculty in construction, engineering and architecture programs throughout the state. All materials purchased would be cataloged and made available for loan throughout the state through I-SHARE and OCLC Interlibrary Loan.

Parkland College agrees to cover the costs of processing, equipment for housing, cataloging, and maintenance of materials purchased with CARLI Collections Enhancement Awards Program funds. The Parkland College Library agrees to file any necessary reports to the Green Technology Collection Enhancement Partnership lead as well as the CARLI Collections Enhancement Awards Program.

¹ *Inside Green Business*, Dec. 6, 2006

² Green Building Facts, www.usbgc.org