



# Introducing GEMI

A two-hour workshop

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Colleges of the Fenway

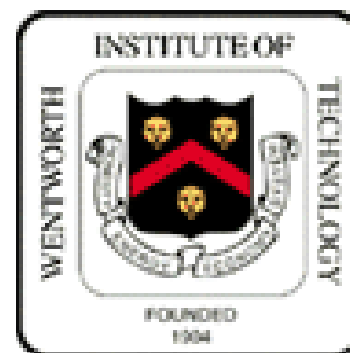
Environmental Science Program



Colleges  
*of the Fenway*



SIMMONS



# SENCER and the Colleges of the Fenway Environmental Science Program



Ellen E. Faszewski, Ph.D. and Erin Sellner, Wheelock College (A Colleges of the Fenway Institute)

### ABSTRACT

With the assistance of the SENCER Program, Colleges of the Fenway (COF) faculty have developed a unique course titled *Environmental Forum*. This course serves as the cornerstone to a joint program in environmental science for the six small private institutions that comprise the COF. More than an introductory course in environmental topics, *Forum* provides a common ground for all environmental science students at all COF institutions to learn about current issues and interact with other COF students and faculty. This course promotes networking opportunities with local, regional, and national environmental agencies. In addition, students perform service learning throughout the Boston community in various areas including environmental advocacy and environmental education. Assessment of the course by COF faculty is currently underway to refine course content and implementation.

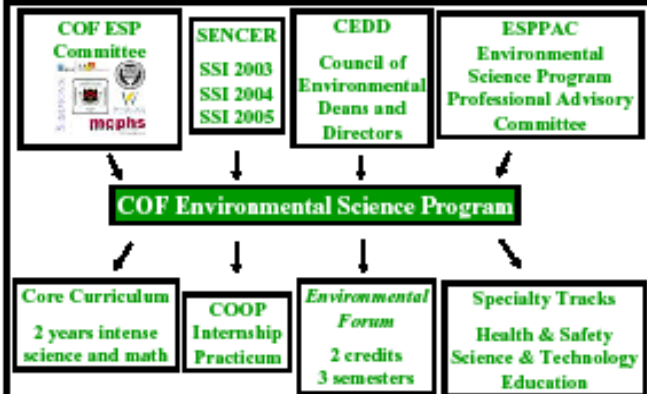


Figure 1. Development of the COF Environmental Science Program

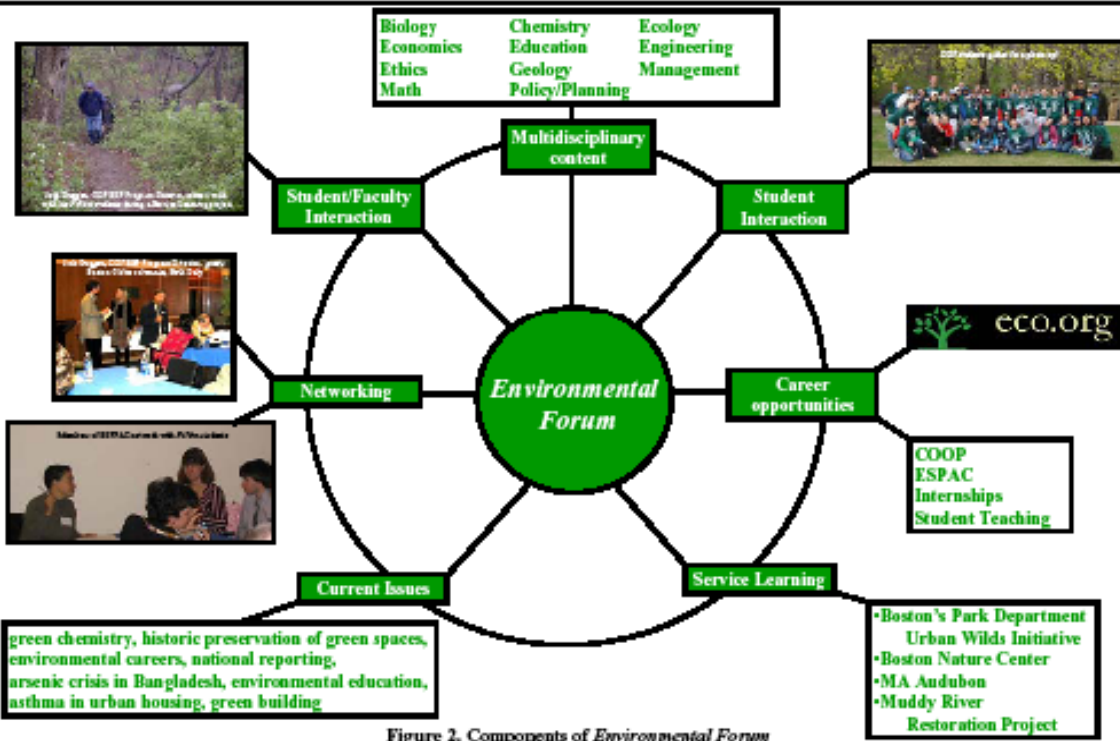


Figure 2. Components of *Environmental Forum*

### COLLEGES OF THE FENWAY

Formed in the spring of 1996, the COF is a collaborative effort of six neighboring Boston colleges in the Fenway area (representing 12% of the total Boston student population).  
Emmanuel College  
MA College of Art  
MA College of Pharmacy  
Simmons College  
Wentworth Institute of Technology  
Wheelock College

### ESPPAC

Leaders in academic, industrial, regulatory and consulting fields:  
Biogen, Inc  
Environmental Careers Organization  
Mass DEP  
MassPIRG  
TURI  
UMass-Lowell  
USGS

### ENVIRONMENTAL FORUM 2007 – MUDDY RIVER RESTORATION PROJECT, BOSTON, MA

**RESEARCH**  
Invasive plant bioremediation  
Avian nesting sites  
Tree inventory, Water quality



**CLEAN-UP**  
70 Volunteers from four COF Schools



**SYMPOSIUM**  
Purpose: Bring together researchers, educators, and members of the Boston community to share research interests and ideas focusing on the Muddy River Restoration Project. This event is organized in collaboration with the Maintenance and Management Oversight Committee for the Project.

# Examples of Topics introduced in ENVI200: Environmental Forum

## Corporate Sustainability The Global Environmental Management Initiative (GEMI)

Preparing for the Pandemic  
Massachusetts DPH's  
Preparedness Plan

Getting the Lead Out  
(of Electronics):  
RoHS Compliance  
And  
Survival in EU Markets

*The Perchlorate Controversy:  
Is Politics Harming Public Health?*

Building the Case for  
Campus Sustainability

ENVIRONMENTAL EDUCATION ROUNDTABLE  
THE STATE OF ENVIRONMENTAL EDUCATION IN MASSACHUSETTS



**Purpose of Workshop**

**Test a GEMI tool**

**Promote GEMI on  
campus**

**Facilitate the  
curriculum**

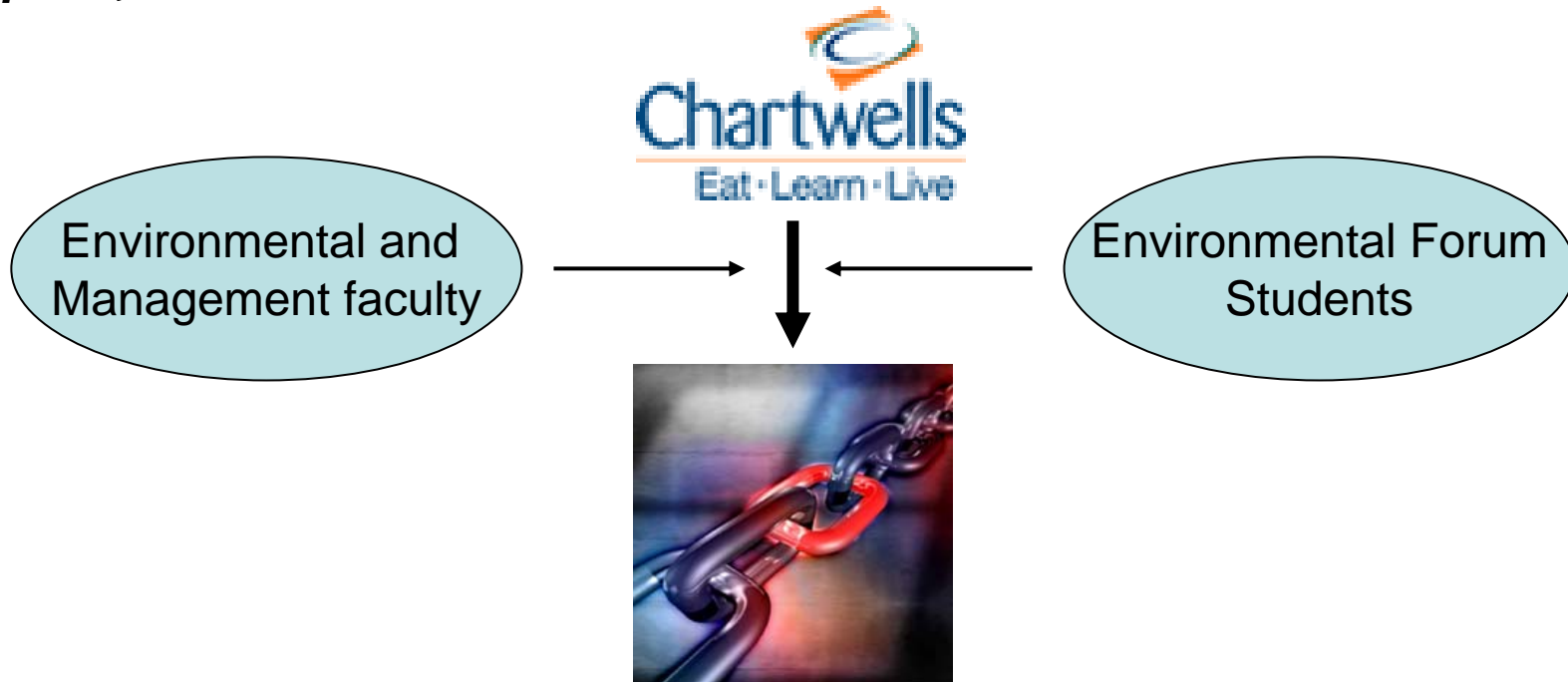


## ***GEMI "Forging New Links" Supply Chain***

<http://www.gemi.org/supplychain>



**"Forging New Links" Workshop**  
**ENVI200 – Environmental Forum**  
**April 4, 2006**



<http://www.eatlearnlive.com/>

<http://www.cgnad.com/>

Initial Overview  
of *Forging New Links* Tool



Generate Profile of Chartwells  
using *Value Wizard*



Explore a few of the  
*Value Creation Opportunities*



in class

Follow-up Assignment  
to investigate  
selected *Case Studies*



Optional submittal  
of article  
to school paper

out of class

# Value Wizard

Welcome to the Value Wizard! This tool will help you quickly identify opportunities relevant to your company. There are four possible approaches that you can try, in any order.

## Company Characteristics

Identify opportunities that are relevant to the basic characteristics your industry, your market, your processes, and your [stakeholders](#).

## Emerging EHS issues

Identify opportunities that are relevant to emerging business, regulatory or technological issues that may affect your industry.

## Business Processes

Identify opportunities relevant to [supply chain](#) management business processes that your company has designated as priorities for improvement.

## Value Drivers

Identify opportunities relevant to the key business [value drivers](#) that are the focus of your supply chain management efforts.

# Company Characteristics

## Identifying Opportunities for EHS Value Creation

- First:** Click the boxes below that apply to your company
- Next:** Do either of the following
  - Check the Opportunity Bin
  - Return to the Value Wizard menu

## YOUR BUSINESS

Please answer a few questions about your company:

Are your customers primarily retail or industrial?

Retail

Industrial

# Suggested Value Creation Opportunities

## Maintain health

Incorporate EHS review into supplier selection and performance monitoring.

Case Study: [Supplier expectations](#)

## Enhance relations

Engage in dialogue and voluntary initiatives with local community organizations.

# Expected Outcomes

- Development of a full course utilizing GEMI tools and/or integration of tools into existing business/mgmt/economics courses
- Sustainable practice partnerships with on-campus vendors and/or Service Learning
- Campus/community enlightenment (Coop, careers, Sustainable Campus, recruitment, Alumni...