Grupe, Fritz H.; Sukanek, Kathleen L.
Together We Do More: Cost-Effectiveness Through Interinstitutional Cooperation.
Associated Colleges of the St. Lawrence Valley, Potsdam, N. Y.
Carnegie Corp. of New York, N.Y.
Apr 81
117p.; Not available in paper copy due to small print of original document.
Associated Colleges of the St. Lawrence Valley, State University College of Potsdam, Potsdam, NY 13676.
MF01 Plus Postage. PC Not Available from EDRS.
Audiovisual Aids; *Consortia; *Cooperative Programs; *Cost Effectiveness; Curriculum Development; Departments; Educational Equipment; Equipment; Higher Education; Instructional Materials; *Intercollegiate Cooperation; Laboratory Equipment; Program Descriptions; *Shared Facilities; *Shared Services
*Associated Colleges of the Saint Lawrence Valley; Clarkson College of Technology NY; Saint Lawrence University NY; State University of New York Coll at Potsdam; State University of NY Agric Tecn Coll Canton

Results of a project designed to extend the level of academic cooperation among four member colleges of the Associated Colleges of the St. Lawrence Valley are presented. The specific goal of the project, which was funded by the Carnegie Corporation of New York, was to initiate activities that were cost beneficial. Members of the consortia are: Clarkson College, St. Lawrence University, State University of New York (SUNY) Agricultural and Technical College at Canton, and SUNY College at Potsdam. Funds for the specific projects, which are listed by department, are detailed in terms of Carnegie Corporation grants, local matching funds, and specific uses of the monies. For each project, impacts are noted as follows: cost avoidance, cost effectiveness, cost efficiency, resource amplification, and resource attraction. In addition to a brief note on the nature of the impacts, brief project descriptions are presented. Among the projects are the following: anthropology films; team teaching of a course on human sexuality; employment of an art slide librarian; construction of plexiglass cubes for displaying sculpture, pottery, etc.; acquisition of instruction materials for biology courses; design of an interinstitutional cell and molecular biology concentration; development of a set of computer models for simulating the chemical analysis of DNA chains; development of a modular course in consumer economics; offering a new course in radio journalism; availability of an x-ray fluorescence unit at St. Lawrence to a Potsdam staff member; faculty sharing among the institutions through faculty exchanges, overload teaching, and a loan of faculty for specified periods of time; and plans for a cooperative radioactive waste disposal procedure. (SW)
TOGETHER WE DO MORE:

Cost-Effectiveness Through Interinstitutional Cooperation.

A Project Partially Funded By

THE CARNEGIE CORPORATION OF NEW YORK

Fritz H. Grupe, Executive Director
Kathleen L. Sukanek, Coordinator, Academic Programs

ASSOCIATED COLLEGES OF THE ST. LAWRENCE VALLEY
# TABLE OF CONTENTS

| Introduction | 1 |
| Brochure     | 2 |
| Project Impact Summary | 3 |
| Project Descriptions | 4 |
| Anthropology  | 5 |
| Art          | 6 |
| Biology      | 7 |
| Business Administration | 8 |
| Chemistry    | 9 |
| Computer Science | 10 |
| Computing/Television | 11 |
| Economics    | 12 |
| Engineering  | 13 |
| English      | 14 |
| Foreign Language | 15 |
| Geology      | 16 |
| History      | 17 |
| Multidisciplinary | 18 |
| Music        | 19 |
| Physics      | 20 |
| Political Science | 21 |
| Psychology   | 22 |
| Religious Studies | 23 |
| Sociology    | 24 |
|             | 25 |
|             | 26 |
|             | 27 |
|             | 28 |
|             | 29 |
|             | 30 |
|             | 31 |
|             | 32 |
|             | 33 |
|             | 34 |
|             | 35 |
|             | 36 |
|             | 37 |
|             | 38 |
|             | 39 |
|             | 40 |
|             | 41 |
|             | 42 |
|             | 43 |
|             | 44 |
|             | 45 |
|             | 46 |
|             | 47 |
|             | 48 |
|             | 49 |
|             | 50 |
|             | 51 |
INTRODUCTION

In October of 1978, the Carnegie Corporation of New York responded favorably to a proposal made by the Associated Colleges of the St. Lawrence Valley. The proposal suggested that the four member colleges could extend the level of academic cooperation that then existed. The specific goal of the project was to initiate activities which were cost beneficial. Strategic planning sessions and pilot project grants were the core activities. Cost beneficial was taken to include five different forms:

**Cost avoidance** - eliminating the need for new expenditures.

**Cost effectiveness** - combining resources to achieve results otherwise not feasible.

**Cost efficiency** - making better use of investments already made.

**Resource amplification** - applying saved funds to new purposes.

**Resource attraction** - finding added support through consortial assistance.

A brochure describing the project as it was originally conceived follows this page. The major text of this report highlights most, although not all, of the activities sponsored through the Carnegie grant and through considerable local support.

Further information, additional copies of this report, and a prepared slide program describing the project and its outcomes are available upon request from the Associated Colleges of the St. Lawrence Valley, c/o Potsdam College, Potsdam, New York 13676.
## FINAL REPORT TO:
THE CARNEGIE CORPORATION OF NEW YORK

### PROJECT IMPACT SUMMARY

<table>
<thead>
<tr>
<th>Category</th>
<th>Cost Avoidance</th>
<th>Cost Effectiveness</th>
<th>Resource Mobilization</th>
<th>Matched</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Anthropology</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Anthropology Films</td>
<td>X</td>
<td>X</td>
<td></td>
<td>-0-</td>
<td>3,500</td>
</tr>
<tr>
<td>Human Sexuality</td>
<td></td>
<td></td>
<td></td>
<td>1,500.</td>
<td>1,150</td>
</tr>
<tr>
<td><strong>Art</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Art-Slide-Librarian</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Audiovisual Materials</td>
<td></td>
<td></td>
<td></td>
<td>10,000.</td>
<td>1,000</td>
</tr>
<tr>
<td>Gallery Displays</td>
<td></td>
<td></td>
<td></td>
<td>1,000.</td>
<td>3,000</td>
</tr>
<tr>
<td>Papermaking/Printmaking</td>
<td></td>
<td></td>
<td></td>
<td>300.</td>
<td>3,200</td>
</tr>
<tr>
<td><strong>Biology</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Articulation of Clarkson and A.T.C. Programs</td>
<td>X</td>
<td>X</td>
<td></td>
<td>-0-</td>
<td>-0-</td>
</tr>
<tr>
<td>Audiovisual Materials</td>
<td></td>
<td></td>
<td></td>
<td>2,400.</td>
<td>625.</td>
</tr>
<tr>
<td>Cell and Molecular Biology</td>
<td></td>
<td></td>
<td></td>
<td>500.</td>
<td>-0-</td>
</tr>
<tr>
<td>DNA Analysis Modeling</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Embryology Teaching Materials Development</td>
<td></td>
<td></td>
<td>X</td>
<td>2,000.</td>
<td>1,300</td>
</tr>
<tr>
<td><strong>Entomology</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Equipment List</td>
<td></td>
<td></td>
<td></td>
<td>1,500.</td>
<td>1,500</td>
</tr>
<tr>
<td>Joint Recruitment</td>
<td></td>
<td></td>
<td></td>
<td>-0-</td>
<td>-0-</td>
</tr>
<tr>
<td>Limnology and Aquatic</td>
<td></td>
<td></td>
<td></td>
<td>-0-</td>
<td>300.</td>
</tr>
<tr>
<td>Research</td>
<td>X</td>
<td></td>
<td></td>
<td>15,000.</td>
<td>820.</td>
</tr>
<tr>
<td>Microbiology</td>
<td></td>
<td></td>
<td></td>
<td>1,000.</td>
<td>4,000</td>
</tr>
<tr>
<td>Ornithology</td>
<td></td>
<td></td>
<td></td>
<td>850.</td>
<td>500.</td>
</tr>
<tr>
<td>Physiology</td>
<td></td>
<td></td>
<td></td>
<td>-0-</td>
<td>22,000</td>
</tr>
<tr>
<td>Seminar Series</td>
<td></td>
<td></td>
<td></td>
<td>800.</td>
<td>900.</td>
</tr>
<tr>
<td>Tropical Biology</td>
<td></td>
<td></td>
<td></td>
<td>1,750.</td>
<td>25,100</td>
</tr>
<tr>
<td><strong>Business Administration</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Articulation of Clarkson and A.T.C. Business Programs</td>
<td></td>
<td></td>
<td></td>
<td>200.</td>
<td>-0-</td>
</tr>
</tbody>
</table>
**PROJECT IMPACT SUMMARY**

<table>
<thead>
<tr>
<th></th>
<th>COST AVAILABILITY</th>
<th>COST EFFICIENCY</th>
<th>COST EFFECTIVENESS</th>
<th>RESOURCE APPLICTION</th>
<th>RESOURCE ATTRACTION</th>
<th>CARNegie FUNDS</th>
<th>APPROVED</th>
<th>MACHING</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CHEMISTRY</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Advanced Organic Chemistry</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>1,330</td>
<td>940</td>
<td>1,500</td>
<td>1,250</td>
<td></td>
</tr>
<tr>
<td>Biochemistry</td>
<td>X</td>
<td></td>
<td>X</td>
<td>1,500</td>
<td>1,250</td>
<td>1,250</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Computer Program Development For Freshman Chemistry</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>3,000</td>
<td>12,100</td>
<td>82,000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Equipment List</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>-0-</td>
<td>-0-</td>
<td>-0-</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Magnetic Resonance Instrumentation</td>
<td>X</td>
<td></td>
<td>X</td>
<td>1,500</td>
<td>82,000</td>
<td>-0-</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Medicinal Chemistry</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>2,500</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>COMPUTER SCIENCE</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Computer Terminal/Port</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td>3,000</td>
<td>3,000</td>
<td></td>
</tr>
<tr>
<td>Faculty Development in Computing</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td>2,100</td>
<td>24,500</td>
<td></td>
</tr>
<tr>
<td>Geology Programs/Terminal</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td>3,300</td>
<td>12,300</td>
<td></td>
</tr>
<tr>
<td><strong>COMPUTING/TELEVISION</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Telecommunications</td>
<td>X</td>
<td></td>
<td></td>
<td>1,600</td>
<td>-0-</td>
<td>1,000</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>ECONOMICS</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>COMPSTAT</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1,500</td>
<td>3,500</td>
<td></td>
</tr>
<tr>
<td>Consumer Economics</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1,500</td>
<td>3,500</td>
<td></td>
</tr>
<tr>
<td><strong>ENGINEERING</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Articulation Among Chemistry, Physics, and Chemical Engineering</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td>-0-</td>
<td>-0-</td>
<td>-0-</td>
</tr>
<tr>
<td>Surveying Option</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>-0-</td>
<td>-0-</td>
<td>-0-</td>
</tr>
<tr>
<td><strong>ENGLISH</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Comedy and Terror</td>
<td>X</td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td>950</td>
<td>4,500</td>
<td></td>
</tr>
<tr>
<td>Faculty Loan</td>
<td>X</td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td>-0-</td>
<td>2,500</td>
<td></td>
</tr>
<tr>
<td>Humanities Curriculum</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>200</td>
<td>-0-</td>
<td>-0-</td>
</tr>
<tr>
<td>Program for Training Peer Tutors</td>
<td>X</td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td>1,500</td>
<td>1,500</td>
<td></td>
</tr>
</tbody>
</table>
### Project Impact Summary

<table>
<thead>
<tr>
<th>ENGLISH (continued)</th>
<th>COST AVOIDANCE</th>
<th>COST EFFICIENCY</th>
<th>COST EFFECTIVENESS</th>
<th>RESOURCE IMPACT</th>
<th>INCOME</th>
<th>CARNEGIE FUNDS</th>
<th>MATCHING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Radio Journalism</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td>300.</td>
<td>1,500.</td>
<td></td>
</tr>
<tr>
<td>Shakespeare Series</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3,000.</td>
<td>15,000.</td>
<td></td>
</tr>
<tr>
<td>FOREIGN LANGUAGE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Introductory Spanish</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GÉOLOGY</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Audiovisuals</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1,850.</td>
<td>1,750.</td>
<td></td>
</tr>
<tr>
<td>Equipment List</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td>0.</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>Faculty Exchange-Geochemistry</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td>2,000.</td>
<td>2,500.</td>
<td></td>
</tr>
<tr>
<td>Geology Option</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Geophysics</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>28,000.</td>
<td></td>
</tr>
<tr>
<td>Independent Study in Geophysics</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td>1,750.</td>
<td>1,000.</td>
<td></td>
</tr>
<tr>
<td>Observatory</td>
<td></td>
<td></td>
<td>X</td>
<td></td>
<td>0.</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>Optical Petrography</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td>12,000.</td>
<td>1,600</td>
<td>4,300.</td>
</tr>
<tr>
<td>Photogeology</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>0.</td>
<td>1,000.</td>
<td></td>
</tr>
<tr>
<td>Planetarium</td>
<td></td>
<td></td>
<td></td>
<td>X</td>
<td></td>
<td>40,000.</td>
<td></td>
</tr>
<tr>
<td>Research Advisement</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td>0.</td>
<td>19,500.</td>
<td></td>
</tr>
<tr>
<td>X-Ray Diffraction</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>0.</td>
<td>60,000.</td>
<td></td>
</tr>
<tr>
<td>X-Ray Fluorescence</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td>0.</td>
<td>80,500.</td>
<td></td>
</tr>
<tr>
<td>HISTORY</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Women's History</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td>1,900.</td>
<td>3,200.</td>
<td></td>
</tr>
<tr>
<td>World History Series</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td>2,200.</td>
<td>0.</td>
</tr>
<tr>
<td>MULTIDISCIPLINARY</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bi-Lingual Education</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>X</td>
<td>0.</td>
<td>1,000.</td>
</tr>
<tr>
<td>Chemical Waste Disposal</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1,500.</td>
</tr>
<tr>
<td>Computerized Bibliographic</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>5,600.</td>
</tr>
<tr>
<td>Searching</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>75.</td>
</tr>
<tr>
<td>Film Studies</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>9,000.</td>
<td>11,400.</td>
</tr>
<tr>
<td>Humanities Subjects Research</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td>0.</td>
<td>2,400.</td>
<td></td>
</tr>
<tr>
<td>Industrial Hygiene/Audiology Coordination</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td>X</td>
<td>1,000.</td>
<td>113,000.</td>
</tr>
<tr>
<td>-----------------------------------------</td>
<td>----------------</td>
<td>-----------------</td>
<td>--------------------</td>
<td>-------------------------</td>
<td>----------------------</td>
<td>------------------------</td>
<td>----------</td>
</tr>
<tr>
<td><strong>Multidisciplinary (Continued)</strong></td>
<td></td>
<td>$2,000</td>
<td>$3,100</td>
<td>$4,000</td>
<td>$11,500</td>
<td>$3,000</td>
<td>$900</td>
</tr>
<tr>
<td>Joint Appointments</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Joint Class Schedule</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Joint Exhibitions</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Linguistics</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Promotional Literature</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Radioactive Wastes</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Safety</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Seminars/Conferences</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Technician's Assistant</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Technician Meetings</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Thematic Concentrations</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Transportation</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Music</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Music II</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$200</td>
<td>$7,500</td>
</tr>
<tr>
<td>Music and Industry</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$2,000</td>
<td></td>
</tr>
<tr>
<td><strong>Physics</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>Equipment List</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Physics II</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$1,500</td>
<td>$5,000</td>
</tr>
<tr>
<td><strong>Political Science</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$1,500</td>
<td>$2,000</td>
</tr>
<tr>
<td>Introduction to Latin America</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Psychology</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$1,000</td>
<td>$101,000</td>
</tr>
<tr>
<td>Animal Behavior</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Career Awareness Center</td>
<td></td>
<td>$200</td>
<td>$4,200</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Environmental Noise</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Equipment Exchange</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td>$1,500</td>
<td>$39,365</td>
</tr>
<tr>
<td>Faculty Exchange</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$0</td>
<td>$12,000</td>
</tr>
<tr>
<td>Modular Introductory</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$1,050</td>
<td>$4,000</td>
</tr>
<tr>
<td>Psychology Course</td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td>$1,500</td>
<td>$68,000</td>
</tr>
<tr>
<td>Seminar Series</td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td>$600</td>
<td>$3,500</td>
</tr>
<tr>
<td>Statistics</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$1,000</td>
<td>$3,500</td>
</tr>
</tbody>
</table>
# Final Report to:
The Carnegie Corporation of New York

## Project Impact Summary

<table>
<thead>
<tr>
<th>Project Area</th>
<th>Cost Avoidance</th>
<th>Cost Efficiency</th>
<th>Cost Effectiveness</th>
<th>Resource Allocation</th>
<th>Resource Attraction</th>
<th>Carnegie Funds Approved</th>
<th>Matching Funds</th>
</tr>
</thead>
<tbody>
<tr>
<td>Religious Studies</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Consortium Appointment</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>New Testament</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$12,700</td>
<td>$1,500</td>
</tr>
<tr>
<td>World Religion</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$2,500</td>
<td>$1,000</td>
</tr>
<tr>
<td>Sociology</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Articulated Curriculum in Criminology</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cooperative Degree in Criminal Justice</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sex Roles in Managerial Settings</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sociology of Film</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Visual Sociology</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Totals**

- Carnegie Funds Approved: $112,025
- Matching Funds: $1,003,830

April, 1981
DISCIPLINE: ANTHROPOLOGY

PROJECT TITLE: "ANTHROPOLOGY FILMS"

Description: Potsdam's anthropology department permitted the consortium to make available to other departments ten films which it holds. These are listed in the consortium's film catalog.

Most Significant Impacts:
- Cost Avoidance
- More frequent, cheaper usage of the films is possible.
- Cost Effectiveness
- Resource Amplification
- Resource Attraction

FUNDs GRANTED BY THE CARNEGIE CORPORATION: $3,500

LOCAL MATCHING FUNDS (Non-Grant Sources):

<table>
<thead>
<tr>
<th>Detail</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Films</td>
<td>$3,500</td>
</tr>
<tr>
<td>TOTAL</td>
<td>$3,500</td>
</tr>
</tbody>
</table>

DISCIPLINE: ANTHROPOLOGY

PROJECT TITLE: "HUMAN SEXUALITY"

Description: A pilot project for team-teaching the course "Human Sexuality" was funded. The course which enrolls six to eight Clarkson students per semester was team-taught by both a Clarkson administrator who is also a sex therapist, and a Potsdam faculty member. The positive course evaluations have led the institutions to explore a formalized administrator/faculty team-teaching arrangement.

Most Significant Impacts:
- Cost Avoidance
- Cost Efficiency
- More frequent, cheaper usage of the films is possible.
- Cost Effectiveness
- Resource Amplification
- Resource Attraction

FUNDs GRANTED BY THE CARNEGIE CORPORATION: $1,500

LOCAL MATCHING FUNDS (Non-Grant Sources):

<table>
<thead>
<tr>
<th>Detail</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Film purchase</td>
<td>$100.</td>
</tr>
<tr>
<td>Secretarial support</td>
<td>50</td>
</tr>
<tr>
<td>Faculty time (teaching)</td>
<td>1,000.</td>
</tr>
<tr>
<td>TOTAL</td>
<td>$2,650.</td>
</tr>
</tbody>
</table>
DESCRIPTION: An art slide librarian was retained to catalog and reorganize art slide collections. Two institutions, Potsdam and St. Lawrence hold over 150,000 slides. Duplicates were made of high priority slides and copyrighted ones were shared. There was some shared usage of copy cameras.

Most Significant Impacts:

Cost Avoidance
Cost Efficiency X Excellent use was made of existing collections.
Cost Effectiveness X Some slides were accessible that would not have been purchased, given present budgets.
Resource Amplification
Resource Attraction X The position was CETA-funded - $10,000 in salary and fringe benefits.

FUNDS GRANTED BY THE CARNEGIE CORPORATION $ 1,000.
LOCAL MATCHING FUNDS (Non-Grant Sources):

$ 1,000 Materials
400 Travel

TOTAL $ 1,400.

TOTAL $ 2,400.

PROJECT TITLE: "AUDIOVISUAL MATERIALS"

Description: A number of films and film series were acquired for joint utilization. The films support commonly taught courses in art history, introduction to art and film animation. Since most art courses at present are very heavily enrolled, a primary area of cooperation is audiovisual sharing.

Most Significant Impacts:

Cost Avoidance X Purchase of these titles enabled the colleges to eliminate rental costs (one series was running $300 per year.)
Cost Efficiency
Cost Effectiveness
Resource Amplification
Resource Attraction X A grant of $1,000 from the N.Y. State Council on the Arts provided some matching funds.

FUNDS GRANTED BY THE CARNEGIE CORPORATION $ 3,000.
LOCAL MATCHING FUNDS (Non-Grant Sources):

$ 1,000 NYSCA
300 Contribution

TOTAL $ 1,300

TOTAL $ 4,300.
FINAL REPORT TO:

THE CARNegie CORPORATION OF NEW YORK

---

APRIL, 1981

DISCIPLINE: ART

PROJECT TITLE: "GALLERY DISPLAYS"

Description: Plexiglass cubes for displaying sculpture, pottery, etc., were constructed. At the same time, St. Lawrence and Potsdam agreed to make the display units, (frames, wooden cubes, etc.) available for borrowing. In addition, a new Educational Resources Center at Clarkson has been fully decorated using artworks from Potsdam.

Cost Significant Impacts:

Cost Avoidance

Cost Efficiency

Cost Effectiveness

Resource Amplification

Resource Attraction

FUNDS GRANTED BY THE CARNegie CORPORATION

$ 1,000

LOCAL MATCHING FUNDS
(Non-Grant Sources):

$ 3,000

Detail

Other display units

Artworks

Labor

800

3,200.

TOTAL

$ 3,500.

PROJECT TITLE: "PAPERMAKING/PRINTMAKING"

Description: Faculty in St. Lawrence's and Potsdam's Art Departments are sharing an expensive pulp beater used in papermaking. In addition, they are being trained in papermaking, and constructing additional equipment (presses, etc.) Current efforts are aimed at strengthening existing printmaking courses. However, a non-credit course in papermaking was offered and a credit course is contemplated. The faculty involved are exchanging lectures.

Cost Significant Impacts:

Cost Avoidance

Cost Efficiency

Cost Effectiveness

Resource Amplification

Resource Attraction

FUNDS GRANTED BY THE CARNegie CORPORATION

$ 1,500.

LOCAL MATCHING FUNDS
(Non-Grant Sources):

$ 3,000.

Detail

Pulp beater

Paper press

Faculty time

Supplies

250.

7,250.

TOTAL

$ 8,750.
PROJECT TITLE: "ARTICULATION OF CLARKSON AND A. T. C. PROGRAMS"

Description: articulation among Canton's Science Laboratory Technology, Chemistry Option, and a proposed Laboratory Technology-Microbiology Concentration, and Clarkson's biology programs generally, and cell concentration specifically. Canton's proposed microbiology concentration would provide students with all the necessary laboratory experiences which, when combined with a four-year degree, will enable the students to be able to sit for the Registered Microbiologist's examination.

Most Significant Impacts:
- Cost Avoidance
- Cost Efficiency
- Cost Effectiveness
- Resource Amplification
- Resource Attraction

Funds Granted by the Carnegie Corporation: $0

LOCAL MATCHING FUNDS (Non-Grant Sources):

<table>
<thead>
<tr>
<th>Detail</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$0</td>
</tr>
<tr>
<td></td>
<td>$0</td>
</tr>
<tr>
<td></td>
<td>$0</td>
</tr>
<tr>
<td>TOTAL</td>
<td>$0</td>
</tr>
</tbody>
</table>

PROJECT TITLE: "AUDIOVISUAL MATERIALS"

Description: A number of instructional materials were acquired for a variety of biology courses. Among these were individual programs from the NOVA series and off-air taping of the entire BODY IN QUESTION series. This taping saved each of the colleges the cost of obtaining the series (licensing and tape) on their own.

Most Significant Impacts:
- Cost Avoidance
- Cost Efficiency
- Cost Effectiveness
- Resource Amplification
- Resource Attraction

Funds Granted by the Carnegie Corporation: $2,400

LOCAL MATCHING FUNDS (Non-Grant Sources):

<table>
<thead>
<tr>
<th>Detail</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Videotape</td>
<td>$325.</td>
</tr>
<tr>
<td>Staff time</td>
<td>$300.</td>
</tr>
<tr>
<td>Staff time</td>
<td>$0.</td>
</tr>
<tr>
<td>TOTAL</td>
<td>$625.</td>
</tr>
</tbody>
</table>

TOTAL: $3,025.
PROJECT TITLE: "CELL AND MOLECULAR BIOLOGY"

Description: An interinstitutional cell and molecular biology concentration is being designed, and a brochure highlighting institutional resources - courses, laboratories and equipment - is planned. Cooperation in this area has led to the cross-listing of Potsdam's cell physiology course at Clarkson. The course now enrolls 50% Potsdam and 50% Clarkson students.

Most Significant Impacts:

- Cost Avoidance: Clarkson avoids the heavy expense of laboratory set-up by being able to use Potsdam's facilities.
- Resource Amplification: By avoiding the costs of duplicating some phases of cell study, the institutions can use existing "saved" resources to improve the total offering but concentrating on component parts.

FUNDS GRANTED BY THE CARNEGIE CORPORATION: $500.

LOCAL MATCHING FUNDS (Non-Grant Sources):

- Detail: Unique laboratory facilities, including electron microscopes.
- Development costs (est.): $450.

TOTAL: $500.
DISCIPLINE: BIOLOGY

PROJECT TITLE: "EMBRYOLOGY TEACHING MATERIALS DEVELOPMENT"

Description: Funds were applied toward the acquisition of selected instructional models, and for the preparation of 2 x 2 slides of existing models and specimens. The creation of this set of materials will be a composite of all of the embryological specimens available among the institutions.

Most Significant Impacts:

Cost Avoidance
Cost Efficiency
Cost Effectiveness
Resource Amplification
Resource Attraction

This approach greatly extends the use of existing materials and creates a pool of materials sharable by all campuses.

SUNY Central Administration awarded $2,000 to the faculty member involved in producing laboratory exercises in neurobiology.

Funds Granted by the Carnegie Corporation $1,300.

Local Matching Funds (Non-Grant Sources):

- Faculty time
- Slides
- Audiovisual materials
- Models
- Supplies

Total $8,700.

DISCIPLINE: BIOLOGY

PROJECT TITLE: "ENTOMOLOGY"

Description: Faculty at Potsdam and St. Lawrence are collaborating to write, print and implement a common entomology laboratory program. Films, other instructional materials and laboratory materials will be shared.

Most Significant Impacts:

Cost Avoidance
Cost Efficiency
Cost Effectiveness
Resource Amplification
Resource Attraction

Current lab manuals do not reflect the short field season which is typical of the area. By combining efforts, time and financial expenditures can be more efficiently used.

SUNY Central Administration awarded $2,000 to the faculty member involved in producing laboratory exercises in neurobiology.

Funds Granted by the Carnegie Corporation $1,500.

Local Matching Funds (Non-Grant Sources):

- Faculty time
- Teaching materials
- Miscellaneous

Total $3,000.
### PROJECT TITLE: EQUIPMENT LISTS

**Description:** Lists of major pieces of research and instructional equipment were generated and distributed among the campuses. Equipment and moveable resources have been and are being shared and exchanged for short and long terms. Some details are given in individual projects.

**Most Significant Impacts:**
- Cost Avoidance
- Cost Efficiency
- Resource Amplification
- Resource Attraction

**FUNDS GRANTED BY THE CARNEGIE CORPORATION**

<table>
<thead>
<tr>
<th>Detail</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unestimatable</td>
<td>$0.00</td>
</tr>
<tr>
<td></td>
<td>$0.00</td>
</tr>
<tr>
<td></td>
<td>$0.00</td>
</tr>
<tr>
<td></td>
<td>$0.00</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>$0.00</td>
</tr>
</tbody>
</table>

**LOCAL MATCHING FUNDS**

<table>
<thead>
<tr>
<th>Detail</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Faculty and staff time</td>
<td>$300.</td>
</tr>
<tr>
<td></td>
<td>$300.</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>$300.</td>
</tr>
</tbody>
</table>

### PROJECT TITLE: "JOINT RECRUITMENT"

**Description:** Biology department chairmen, and Career and Placement directors met to design a recruiter recruitment program for Biology majors. Individually, each institution's number of graduates is not significant, but the combined pool of seniors offers industries a wider range of programs and students.

**Most Significant Impacts:**
- Cost Avoidance
- Cost Efficiency
- Resource Amplification
- Resource Attraction

**FUNDS GRANTED BY THE CARNEGIE CORPORATION**

<table>
<thead>
<tr>
<th>Detail</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$0.00</td>
</tr>
<tr>
<td></td>
<td>$0.00</td>
</tr>
<tr>
<td></td>
<td>$0.00</td>
</tr>
<tr>
<td></td>
<td>$300.</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>$300.</td>
</tr>
</tbody>
</table>
PROJECT TITLE: "LIMNOLOGY" and "AQUATIC RESEARCH"

Description: Faculty and students from three colleges are conducting research on the St. Lawrence River. They have received grants totaling $15,000 to establish a pool of shared equipment for intercollege field studies. Equipment includes boats, motors, trailers, collecting and sampling equipment, and laboratory facilities and equipment. An interdisciplinary, interinstitutional group of faculty and students, the St. Lawrence River Study Group, meets regularly to share studies of the river.

Most Significant Impacts:
- Cost Avoidance
- Resource Amplification
- Resource Attraction

FUNDS GRANTED BY THE CARNEGIE CORPORATION $ 820.

LOCAL MATCHING FUNDS (Non-Grant Sources):
- SUNY Mini-Grant Program, Seaway Development Corp. and the N.Y. State Sea Grant awarded grants totaling $15,000.
- Other costs are unestimatable

TOTAL $ 15,820.

PROJECT TITLE: "MICROBIOLOGY"

Description: Faculty meet regularly to discuss the nature of their respective classes, materials and curriculum. They routinely exchange lectures and share materials. As mentioned elsewhere, Canton's microbiology option is being designed to allow Clarkson and St. Lawrence students access to many of the laboratory courses needed as prerequisites for the registered microbiologist exam. These lab courses are not available at either St. Lawrence or Clarkson. An autoclave (sterilizing unit) at Canton has been put on "permanent loan" to Clarkson.

Most Significant Impacts:
- Cost Avoidance
- Cost Efficiency
- Resource Amplification
- Resource Attraction

FUNDS GRANTED BY THE CARNEGIE CORPORATION $ 1,000.

LOCAL MATCHING FUNDS (Non-Grant Sources):
- Autoclave
- Other costs are unestimatable

TOTAL $ 5,000.
PROJECT TITLE: "ORNITHOLOGY"

Description: Potsdam and St. Lawrence currently offer ornithology. The faculty involved made better use of available resources and expanded course curricula to include new topics by relying on each other's expertise. The sharing of bird-study skin collections, the planning of joint field trips, and the exchanging of seminars and guest lecturers have occurred. A portable cassette recorder was purchased to be used in conjunction with a parabolic microphone owned by St. Lawrence; cross-registration was encouraged.

Most Significant Impacts:
- Cost Avoidance
- Cost Efficiency
- Cost Effectiveness
- Resource Amplification
- Resource Attraction

Funds Granted by The Carnegie Corporation

<table>
<thead>
<tr>
<th>Local Matching Funds (Non-Grant Sources):</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detail</td>
</tr>
<tr>
<td>Equipment, travel, seminar, speaker</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>Total</td>
</tr>
</tbody>
</table>

PROJECT TITLE: "PHYSIOLOGY"

Description: This area of study has had a variety of related activities. A Potsdam professor was "loaned" to Clarkson to teach a complete physiology course. This also involved the transportation of equipment. An outgrowth of the course was the assumption of two independent studies (students) by the professor, with the students utilizing the physiology laboratory at Potsdam.

Four metabolic chambers valued at $1,000 were loaned by Potsdam to St. Lawrence faculty for one semester. St. Lawrence loaned a physiograph recorder to Potsdam, ($250.)

Most Significant Impacts:
- Cost Avoidance
- Cost Efficiency
- Cost Effectiveness
- Resource Amplification
- Resource Attraction

Funds Granted by The Carnegie Corporation

<table>
<thead>
<tr>
<th>Local Matching Funds (Non-Grant Sources):</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detail</td>
</tr>
<tr>
<td>Teaching</td>
</tr>
<tr>
<td>Indep. Study Advisement</td>
</tr>
<tr>
<td>Equipment</td>
</tr>
<tr>
<td>Total</td>
</tr>
</tbody>
</table>
**Final Report to:**

THE CARNEGIE CORPORATION OF NEW YORK

**April 1981**

**Discipline:** Biology

**Project Title:** Seminar Series

**Description:** The four biology departments pool resources to support a jointly sponsored traveling speakers' series. The series serves an important function of faculty and student renewal and enrichment.

**Most Significant Impacts:**
- **Cost Avoidance**
- **Cost Efficiency**
- **Cost Effectiveness**
- **Resource Amplification**
- **Resource Attraction**

**Funds Granted by the Carnegie Corporation:** $800.

**Local Matching Funds (Non-Grant Sources):**

<table>
<thead>
<tr>
<th>Detail</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Faculty time in design and preparation</td>
<td>$900</td>
</tr>
</tbody>
</table>

**Total:** $1,700.

---

**Project Title:** "Tropical Biology"

**Description:** A joint field course in Tropical Biology was funded as a pilot project. Students from Clarkson, St. Lawrence and Potsdam participated, with two faculty, one from Clarkson and another from Potsdam. The course included a field trip to St. Croix during the spring break. Initially partially funded by Carnegie, the course has been offered subsequently two times as a regular department offering at Potsdam. It continues to enroll students from two to three institutions.

**Most Significant Impacts:**
- **Cost Avoidance**
- **Cost Efficiency**
- **Cost Effectiveness**
- **Resource Amplification**
- **Resource Attraction**

**Funds Granted by the Carnegie Corporation:** $1,750.

**Local Matching Funds (Non-Grant Sources):**

<table>
<thead>
<tr>
<th>Detail</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Faculty time - three courses</td>
<td>$15,000</td>
</tr>
<tr>
<td>Equipment</td>
<td>$6,500</td>
</tr>
<tr>
<td>Faculty travel</td>
<td>$3,600</td>
</tr>
<tr>
<td></td>
<td>$25,100</td>
</tr>
</tbody>
</table>

**Total:** $26,850.
FINAL REPORT TO:

THE CARNEGIE CORPORATION OF NEW YORK

APRIL 1981

DISCIPLINE: BUSINESS ADMINISTRATION

PROJECT TITLE: "ARTICULATION OF CLARKSON AND A.T.C. BUSINESS PROGRAMS.

Description: Faculty and administrators from Clarkson's and Canton's business programs designed and will implement articulation agreements between the two institutions in the areas of computer science and business administration. These agreements will facilitate the transfer of Canton's students to Clarkson's business programs.

Most Significant Impacts:
- Cost Avoidance
- Cost Efficiency
- Cost Effectiveness
- Resource Amplification
- Resource Attraction

FUNDS GRANTED BY THE CARNEGIE CORPORATION

$ 200

LOCAL MATCHING FUNDS
(Non-Grant Sources):

<table>
<thead>
<tr>
<th>Detail</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

TOTAL

$ 200
PROJECT TITLE: "ADVANCED ORGANIC CHEMISTRY"

Description: Three advanced organic chemistry lecture courses enrolling six to eight students each were combined into a single, team-taught "traveling" course enrolling 22 students. The faculty involved each prepared lectures dealing with their particular field of expertise. The course conserved faculty time and brought chemistry majors into direct contact with faculty from the three colleges.

Most Significant Impacts:

Cost Avoidance  X  Rather than having three low-enrollment courses, a single course surfaced.
Cost Efficiency
Cost Effectiveness  X  By pooling their expertise, faculty could cover more areas of advanced organic chemistry in greater depth. Faculty resources were made more available to students.
Resource Amplification
Resource Attraction

Funds Granted by the Carnegie Corporation: $1,330.

Local Matching Funds (Non-Grant Sources):

<table>
<thead>
<tr>
<th>Detail</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Guest lecturers</td>
<td>$740</td>
</tr>
<tr>
<td>Library</td>
<td>200</td>
</tr>
</tbody>
</table>

TOTAL $2,270.

PROJECT TITLE: "BIOCHEMISTRY"

Description: Clarkson and Potsdam were each teaching a lecture biochemistry course to approximately 15 students. Clarkson additionally offered an introductory course with a physical chemistry emphasis. The faculty involved have decided to phase out one of the introductory courses. A two-course sequence has been designed. Students may now take introductory biochemistry at Potsdam in the fall, followed by physical biochemistry at Clarkson in the spring. Materials to be used at the four colleges have been purchased. Lectures are shared.

Most Significant Impacts:

Cost Avoidance  X  Clarkson avoids the cost of an additional introductory biochemistry course.
Cost Efficiency
Cost Effectiveness  X  By pooling their resources, faculty and materials, the faculty involved were able to improve the educational options available to students.
Resource Amplification
Resource Attraction

Funds Granted by the Carnegie Corporation: $1,500.

Local Matching Funds (Non-Grant Sources):

<table>
<thead>
<tr>
<th>Detail</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Shared materials</td>
<td>$250</td>
</tr>
<tr>
<td>Faculty preparation and exchanges</td>
<td>1,000</td>
</tr>
</tbody>
</table>

TOTAL $2,750.
PROJECT TITLE: "COMPUTER PROGRAM DEVELOPMENT FOR FRESHMAN CHEMISTRY"

Description: Chemistry faculty from the four colleges collaborated to obtain and develop 107 BASIC programs to be used in Freshman Chemistry courses at each of the colleges. Existing resources were made accessible to other institutions and new programs were purchased. The faculty member coordinating this effort has recently become the editor of an American Chemical Society newsletter on computer applications in the teaching of chemistry. Consequently, he is a focal point for disseminating information about his project and for obtaining additional information to benefit our colleges.

Most Significant Impacts:
- Cost Avoidance
- Cost Efficiency
- Cost Effectiveness
- Resource Amplification
- Resource Attraction

Funds Granted by the Carnegie Corporation: $3,000

Local Matching Funds (Non-Grant Sources):

<table>
<thead>
<tr>
<th>Detail</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Student programmer</td>
<td>$3,500</td>
</tr>
<tr>
<td>Programs</td>
<td>$100</td>
</tr>
<tr>
<td>Computer time</td>
<td>$2,500</td>
</tr>
<tr>
<td>Faculty time</td>
<td>$6,000</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>$15,100</strong></td>
</tr>
</tbody>
</table>

FUNDS GRANTED BY THE CARNEGIE CORPORATION: $3,000

LOCAL MATCHING FUNDS (Non-Grant Sources): $0
DESCRIPTION: Clarkson purchased a nuclear magnetic resonance spectrometer (NMR) valued at $82,000. To promote use of the instrumentation by other institutions, especially students from other campuses, a computer control unit which permitted multiple-user access was acquired. Undergraduate instruction and research using this equipment has been conducted by students from three colleges.

Most Significant Impacts:
- Cost Avoidance
- Cost Efficiency
- Cost Effectiveness
- Resource Amplification
- Resource Attraction

FUNDS GRANTED BY THE CARNEGIE CORPORATION

LOCAL MATCHING FUNDS
(Non-Grant Sources):

<table>
<thead>
<tr>
<th>Detail</th>
<th>$</th>
</tr>
</thead>
<tbody>
<tr>
<td>NMR</td>
<td>82,000</td>
</tr>
</tbody>
</table>

TOTAL

$83,500

PROJECT TITLE: "MEDICINAL CHEMISTRY"

DESCRIPTION: A special topics course, "Medicinal Chemistry," was organized by a faculty member at Clarkson. The course featured presentations by five faculty from the combined chemistry departments. 26 students were exposed to the expertise of faculty from the consortium.

Most Significant Impacts:
- Cost Avoidance
- Cost Efficiency
- Cost Effectiveness
- Resource Amplification
- Resource Attraction

FUNDS GRANTED BY THE CARNEGIE CORPORATION

LOCAL MATCHING FUNDS
(Non-Grant Sources):

<table>
<thead>
<tr>
<th>Detail</th>
<th>$</th>
</tr>
</thead>
<tbody>
<tr>
<td>Faculty time</td>
<td>2,500</td>
</tr>
</tbody>
</table>

TOTAL

$2,500
**DISCIPLINE: COMPUTER SCIENCE**

**PROJECT TITLE: "COMPUTER TERMINAL/PORT"**

Description: A computer terminal has been acquired to permit SUNY at Canton faculty and students to access the new IBM 4341 at Clarkson. Installation of this terminal permits access to the databases, computer-based modules, and special languages (such as SAS, PLANTRAN,) without extensive conversion. This is a pilot for future development.

**Most Significant Impacts:**

- Cost Avoidance
- Cost Efficiency
- Resource Amplification
- Resource Attraction

**Funds Granted by The Carnegie Corporation**

$3,000.

**LOCAL MATCHING FUNDS**

(Non-Grant Sources):

$3,000.

**Total**

$6,000.

**DISCIPLINE: COMPUTER SCIENCE**

**PROJECT TITLE: "FACULTY DEVELOPMENT IN COMPUTING"**

Description: The intercollege use of computers was seen as a potentially major means of sharing expensive resources, (hardware and software.) In order to stimulate faculty to utilize other campus's computers, ten workshops were held that highlighted particular, unique capabilities of these resources, and stipends of $100 were provided to faculty who cross-registered for computer courses at another campus. The stipends were for books and mileage. In some of the workshops, text books were made available.

**Most Significant Impacts:**

- Cost Avoidance
- Cost Efficiency
- Resource Amplification
- Resource Attraction

**Funds Granted by The Carnegie Corporation**

$2,000.

**LOCAL MATCHING FUNDS**

(Non-Grant Sources):

$2,500.

**Total**

$4,500.

*Assumed 45 people running five projects five times each.
Description: A terminal and printer were acquired to permit Potsdam College to access the Clarkson computer. Potsdam received 100 computer programs from Syracuse University's geology department. The programs represent a major asset that can be utilized by Clarkson's civil engineering department immediately and eventually by St. Lawrence's geology department. (For installation on the Clarkson machine.)

Most Significant Impacts:

- **Cost Avoidance**: The programs are being obtained without charge. However, they are sold under other conditions. One program, "Surface Trend Analysis," sells for $2,000.
- **Cost Efficiency**: The computer center staff time and faculty time involved need not be replicated. None of the institutions could have mounted the effort to replicate these programs.
- **Cost Effectiveness**: The programs are being obtained without charge. However, they are sold under other conditions. One program, "Surface Trend Analysis," sells for $2,000.

Funds Granted by the Carnegie Corporation: $3,300.

Local Matching Funds (Non-Grant Sources):

<table>
<thead>
<tr>
<th>Detail</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equipment purchase</td>
<td>$300</td>
</tr>
<tr>
<td>Computer program value</td>
<td>6,000 (est.)</td>
</tr>
<tr>
<td>Faculty time</td>
<td>$2,000</td>
</tr>
<tr>
<td>Computer center staff</td>
<td>4,000</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$15,600</strong></td>
</tr>
</tbody>
</table>
PROJECT TITLE: "TELECOMMUNICATIONS"

With the assistance of a consultant from the MITRE Corporation, a design for an intercampus microwave network was developed. The proposed network would have handled unlimited computer and audio channels, as well as four television channels. The proposal was submitted to the National Science Foundation but was not funded.

Most Significant Impacts:

- Cost Avoidance
- Cost Efficiency
- Cost Effectiveness
- Resource Amplification
- Resource Attraction

The project would have had a high initial cost, but low maintenance. It would have made better use of computer facilities.

Funds granted by The Carnegie Corporation $ 0

Local matching funds (Non-Grant Sources):

<table>
<thead>
<tr>
<th>Detail</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proposal development time</td>
<td>$ 1,000</td>
</tr>
<tr>
<td>MITRE consultant and travel</td>
<td>$ 1,600</td>
</tr>
</tbody>
</table>

Total $ 2,600
PROJECT TITLE: "COMPUSTAT"

Description: The PDE COMPUSTAT data base provides stock market information on approximately 3,500 industrial and non-industrial companies, and 120 industry indices and composites on a monthly basis. The data base is kept current and is available through Clarkson College. Students and faculty can, and do access the Clarkson computer via off-campus terminals and through class meetings at Clarkson's terminal rooms.

Most Significant Impacts:
- Cost Avoidance
- Cost Efficiency
- Resource Amplification
- Resource Attraction

Funds Granted by the Carnegie Corporation: $1,500.

Local Matching Funds (Non-Grant Sources):
- Continued leasing: $1,500.
- Staff time: $1,500.

TOTAL: $5,000.

PROJECT TITLE: "CONSUMER ECONOMICS"

Description: A Canton professor developed a modular course in consumer economics that capitalized on audiovisual materials already present. A thorough curriculum was developed for eventual takeover by a Potsdam faculty member. The Canton professor, however, has taught the course twice at Potsdam through local funding. The course is, therefore, offered on two campuses. Individual modules relate to many other courses.

Most Significant Impacts:
- Cost Avoidance
- Cost Efficiency
- Resource Amplification
- Resource Attraction

Funds Granted by the Carnegie Corporation: $1,500.

Local Matching Funds (Non-Grant Sources):
- Faculty time (two courses taught): $3,000.
- Existing audiovisual materials: $500.

TOTAL: $5,000.
DISCIPLINE: ENGINEERING

PROJECT TITLE: "ARTICULATION BETWEEN CHEMISTRY, PHYSICS & CHEMICAL ENGINEERING"

Description: A program will be initiated among the colleges that will allow chemistry and physics majors at Potsdam and St. Lawrence to complete a master's degree in chemical engineering at Clarkson in one to two years after graduating with a B. S. degree. Cross-registration and increased availability of undergraduate research projects across disciplines and institutions are planned to facilitate articulation between schools.

Most Significant Impacts:

Cost Avoidance

Cost Efficiency

Cost Effectiveness

Resource Amplification

Resource Attraction

FUNDS GRANTED BY THE CARNEGIE CORPORATION

LOCAL MATCHING FUNDS (Non-Grant Sources):

Detail

$ -0-

TOTAL

$ -0-

FUND...
A course, "Film and Fiction," was offered at Potsdam under the theme "Comedy and Terror." The course utilized films being shown concurrently at St. Lawrence in a sociology course. The course was intended to demonstrate the practicality of rental-film sharing, beyond its educational impact. Selected videotapes of feature films were purchased for replay on the VHS recorder cited elsewhere.

Most Significant Impacts:
- Cost Avoidance
- Cost Efficiency
- Cost Effectiveness
- Resource Amplification
- Resource Attraction

Joint use of films permitted the schools to reduce expenditures. Funds saved were put into videotape acquisitions.

FUNDS GRANTED BY THE CARNEGIE CORPORATION $ 950
LOCAL MATCHING FUNDS (Non-Grant Sources):
- $ 1,500 Film rentals
- 500 Film purchases
- 2,500 Faculty time

TOTAL $ 5,450

A faculty member from Potsdam was "loaned" to the English department at Clarkson to teach one section of "Introduction to Fiction." Further loans of this type are expected to serve as means of redressing cross-registration imbalances, although several other 'loans' are not tied to cross-registration.

Most Significant Impacts:
- Cost Avoidance
- Cost Efficiency
- Cost Effectiveness
- Resource Amplification
- Resource Attraction

Clarkson was able to satisfy its teaching needs without hiring another person to teach this section.

FUNDS GRANTED BY THE CARNEGIE CORPORATION $ 0
LOCAL MATCHING FUNDS (Non-Grant Sources):
- $ 2,500 Faculty time

TOTAL $ 2,500
DISCIPLINE: ENGLISH

PROJECT TITLE: "HUMANITIES-CURRICULUM"

Description: Prior to the receipt of the Carnegie grant, Canton obtained approval to offer a two-year degree in the Humanities. This program became available with the grant period. The program requires that courses in art, philosophy, and religion be taken through either St. Lawrence or Potsdam. Some projects noted under "Religious Studies" were specifically designed to enhance this program.

Most Significant Impacts:

- Cost Avoidance
- Cost Efficiency
- Cost Effectiveness
- Resource Amplification
- Resource Attraction

Funds Granted by the Carnegie Corporation: $200.

Local Matching Funds (Non-Grant Sources):

Detail

$0

Total: $200.

Funds Granted by the Carnegie Corporation: $1,500.

Local Matching Funds (Non-Grant Sources):

Consultant: $500.

Total: $3,100.
PROJECT TITLE: "RADIO JOURNALISM"

Description: A new course in radio journalism was offered to augment regular course offerings in journalism and technical writing. The course was expected to generate cross-registrations because of its special appeal to students involved in five campus and open-air radio-stations. This was not realized. A second effort considered was to orient the course toward the more technological aspects of radio production. The inadequacy of existing facilities prevented this from being undertaken.

Most Significant Impacts:

- Cost Avoidance
- Cost Efficiency
- Cost Effectiveness
- Resource Amplification
- Resource Attraction

FUNDS GRANTED BY THE CARNEGIE CORPORATION

<table>
<thead>
<tr>
<th>Detail</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Faculty time</td>
<td>$1,500</td>
</tr>
<tr>
<td>TOTAL</td>
<td>$1,800</td>
</tr>
</tbody>
</table>

LOCAL MATCHING FUNDS (Non-Grant Sources):

<table>
<thead>
<tr>
<th>Detail</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>TOTAL</td>
<td>$1,800</td>
</tr>
</tbody>
</table>

DISCIPLINE: ENGLISH

PROJECT TITLE: "SHAKESPEARE SERIES"

Description: One of the primary means of sharing in the Humanities is the sharing of audiovisual materials. The availability of the complete Shakespeare plays was of great interest to all four departments of English. The 37 plays are a major asset in eight courses focusing on Shakespeare. Two sets of the videotapes were ordered. The combined purchase led to a 10% cost reduction.

Most Significant Impacts:

- Cost Avoidance
- Cost Efficiency
- Cost Effectiveness
- Resource Amplification
- Resource Attraction

FUNDS GRANTED BY THE CARNEGIE CORPORATION

<table>
<thead>
<tr>
<th>Detail</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>TOTAL</td>
<td>$10,000</td>
</tr>
</tbody>
</table>

LOCAL MATCHING FUNDS (Non-Grant Sources):

<table>
<thead>
<tr>
<th>Detail</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>St. Lawrence</td>
<td>$5,000</td>
</tr>
<tr>
<td>Associated Colleges</td>
<td>$15,000</td>
</tr>
<tr>
<td>TOTAL</td>
<td>$18,000</td>
</tr>
</tbody>
</table>

DISCIPLINE: ENGLISH
FINAL REPORT TO:
THE CARNEGIE CORPORATION OF NEW YORK
APRIL 1981

DISCIPLINE: FOREIGN LANGUAGE

PROJECT TITLE: "INTRODUCTORY SPANISH"

Description: A faculty member from Potsdam is being "loaned" to Canton to teach an introductory Spanish course in the fall of 1981. Canton has no offerings in foreign language, so this venture will permit testing of student interest without added expenditures.

Most Significant Impacts:
Cost Avoidance
Cost Efficiency
Cost Effectiveness X
Resource Amplification
Resource Attraction

FUNDS GRANTED BY THE CARNEGIE CORPORATION $ 0

LOCAL MATCHING FUNDS (Non-Grant Sources):
Detail
$ 2,500 Faculty time

TOTAL $ 2,500.
DISCIPLINE: GEOLOGY

PROJECT TITLE: "AUDIOTOVISUALS"

Description: The consortium obtained an "off-air" license for the "Cosmos" series and secured a number of other videotapes and films in the earth sciences, particularly in astronomy where laboratories do not play a central role.

Most Significant Impacts:

<table>
<thead>
<tr>
<th></th>
<th>X</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cost Avoidance</td>
<td></td>
</tr>
<tr>
<td>Cost Efficiency</td>
<td></td>
</tr>
<tr>
<td>Cost Effectiveness</td>
<td></td>
</tr>
<tr>
<td>Resource Amplification</td>
<td></td>
</tr>
<tr>
<td>Resource Attraction</td>
<td></td>
</tr>
</tbody>
</table>

Funds Granted by the Carnegie Corporation

$ 1,850.

Local Matching Funds (Non-Grant Sources):

Detail

$ 1,750.

TOTAL

$ 3,600.

DISCIPLINE: GEOLOGY

PROJECT TITLE: "EQUIPMENT LIST"

Description: A comprehensive listing of all major pieces of equipment held by the two geology departments has been made. These are available for on-site use, and most, if portable, are available on loan.

Most Significant Impacts:

<table>
<thead>
<tr>
<th></th>
<th>X</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cost Avoidance</td>
<td></td>
</tr>
<tr>
<td>Cost Efficiency</td>
<td></td>
</tr>
<tr>
<td>Cost Effectiveness</td>
<td></td>
</tr>
<tr>
<td>Resource Amplification</td>
<td></td>
</tr>
<tr>
<td>Resource Attraction</td>
<td></td>
</tr>
</tbody>
</table>

Funds Granted by the Carnegie Corporation

$ 20.

Local Matching Funds (Non-Grant Sources):

Detail

$ Unknown

TOTAL

$ 3,600.
PROJECT TITLE: "FACULTY EXCHANGE-GEOCHEMISTRY"

Description: In return for the optical petrography course cited elsewhere, Potsdam agreed to send a geochemist to St. Lawrence. Inadequate enrollments at St. Lawrence, (three,) caused the course to be shifted back to Potsdam where six students had enrolled.

Most Significant Impacts:
- Cost Avoidance
- Cost Efficiency
- Cost Effectiveness
- Resource Amplification
- Resource Attraction

The objective of the exchange was to provide a course not otherwise available. The eventual shift back to Potsdam negated this prospect.

PROJECT TITLE: "GEOLOGY OPTION"

Description: SUNY at Canton has introduced a two-year geology major that requires that all courses above the "Introduction To Earth Science" level be taken at Potsdam or St. Lawrence. Canton has neither the faculty, equipment, or facilities to establish this program independently. The arrangement permits Canton to offer the relatively few students involved in this field each year an area of specialization with excellent resources, while making no investment in comparable resources.

Most Significant Impacts:
- Cost Avoidance
- Cost Efficiency
- Cost Effectiveness
- Resource Amplification
- Resource Attraction

An estimate of the costs saved would be so large that it approaches the totality of the individual departmental resources.*

FUNDS GRANTED BY THE CARNEGIE CORPORATION
$ 2,000.

LOCAL MATCHING FUNDS (Non-Grant Sources):

<table>
<thead>
<tr>
<th>Detail</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Faculty time</td>
<td>$2,500</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>TOTAL</td>
<td>$4,500</td>
</tr>
</tbody>
</table>

TOTAL $4,500.
PROJECT TITLE: "GEOPHYSICS"

Description: A Potsdam faculty member will be "on loan" to St. Lawrence for one course in geophysics. During the course, the professor will be using a variety of pieces of equipment for demonstrations. These will include:

- Seismograph: $4,000
- Seismic Timer: $3,000
- Gravity Meter: $12,000
- Electrical Resistivity Unit: $3,000
- Magnetometer: $2,000
- Magnetic Susceptibility Unit: $1,500

Most Significant Impacts:
- Cost Avoidance
- Cost Efficiency
- St. Lawrence does not have the staff or the equipment to conduct this course in the same manner.
- Resource Amplification
- Resource Attraction

FUNDS GRANTED BY THE CARNEGIE CORPORATION: $-0-
LOCAL MATCHING FUNDS (Non-Grant Sources):

<table>
<thead>
<tr>
<th>Detail</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equipment usage</td>
<td>$25,500</td>
</tr>
<tr>
<td>Faculty time</td>
<td>$2,500</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>$28,000</td>
</tr>
</tbody>
</table>

TOTAL: $28,000.

PROJECT TITLE: "INDEPENDENT STUDY IN GEOPHYSICS"

Description: A Potsdam faculty member developed an independent study course utilizing videotapes prepared by the American Petroleum Geologists Association. The course was offered in the spring of 1981 and provided access to this field of study for students at St. Lawrence, Potsdam and Clarkson, (a total of 20.) The faculty member prepared written materials for each module of the course. This course is now regularly available although it is offered as a traditional course irregularly.

Most Significant Impacts:
- Cost Avoidance
- Cost Efficiency
- St. Lawrence does not have the staff or the equipment to conduct this course in the same manner.
- Resource Amplification
- Resource Attraction

FUNDS GRANTED BY THE CARNEGIE CORPORATION: $1,750.
LOCAL MATCHING FUNDS (Non-Grant Sources):

<table>
<thead>
<tr>
<th>Detail</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equipment usage</td>
<td>$1,000</td>
</tr>
<tr>
<td>Faculty time</td>
<td>$1,000</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>$2,000</td>
</tr>
</tbody>
</table>

TOTAL: $2,000.
PROJECT TITLE: "OBSERVATORY"

Description: Clarkson College maintains a small astronomical observatory just outside of Potsdam. The observatory contains a large reflectory telescope and related equipment. Although this observatory is not a significant research facility, it is a useful instructional site. Use of the observatory has been provided for astronomy classes at the other three schools.

Most Significant Impacts:

- Cost Avoidance
- Cost Efficiency
- Cost Effectiveness
- Resource Amplification
- Resource Attraction

Funds Granted by The Carnegie Corporation: $0

Local Matching Funds (Non-Grant Sources): $0

PROJECT TITLE: "OPTICAL PETROGRAPHY"

Description: In an unusual venture, a St. Lawrence faculty member taught optical petrography at Potsdam. He gave large class lectures to 15 students from the two campuses. He then taught a laboratory for St. Lawrence students in the well-equipped optical petrography laboratory at Potsdam. A Potsdam faculty member led a laboratory section for Potsdam students.

Most Significant Impacts:

- Cost Avoidance
- Cost Efficiency
- Cost Effectiveness
- Resource Amplification
- Resource Attraction

Potsdam needed this course to replace a faculty member who was on sabbatical.

St. Lawrence had no comparable facility. 16 optical petrographic microscopes at $1,000 each were readily available at Potsdam.

Funds Granted by The Carnegie Corporation: $2,000

Local Matching Funds (Non-Grant Sources):

<table>
<thead>
<tr>
<th>Detail</th>
<th>Equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td>$1,000</td>
<td>Supplies</td>
</tr>
<tr>
<td>750</td>
<td>2,500</td>
</tr>
<tr>
<td></td>
<td>Faculty time</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>33,250</td>
</tr>
</tbody>
</table>

Total: $35,250

Local Matching Funds (Non-Grant Sources): $0

Total: $0
**PROJECT TITLE: "PHOTOGEOLOGY"**

**DISCIPLINE:** GEOLOGY

**Description:** A beginning set of maps, satellite and U-2 photographs and other materials for photogeology courses were acquired to strengthen two existing courses, and to initiate a third. The file is shifted from Potsdam to St. Lawrence, along with locally acquired materials. A recent evaluation team cited Potsdam for its forward-looking action in this area.

**Most Significant Impacts:**

<table>
<thead>
<tr>
<th>Category</th>
<th>Impact</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cost Avoidance</td>
<td></td>
</tr>
<tr>
<td>Cost Efficiency</td>
<td>X</td>
</tr>
<tr>
<td>Cost Effectiveness</td>
<td>X</td>
</tr>
<tr>
<td>Resource Amplification</td>
<td></td>
</tr>
<tr>
<td>Resource Attraction</td>
<td>X</td>
</tr>
</tbody>
</table>

All materials available are being shared. Without cooperation, the third course could not have been offered.

**FUNDS GRANTED BY THE CARNEGIE CORPORATION**

$1,600.

**LOCAL MATCHING FUNDS (Non-Grant Sources):**

<table>
<thead>
<tr>
<th>Detail</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Materials</td>
<td>$300.</td>
</tr>
<tr>
<td>Faculty time, offered twice</td>
<td>$4,000.</td>
</tr>
<tr>
<td></td>
<td>$4,300.</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>$5,900.</td>
</tr>
</tbody>
</table>

**PROJECT TITLE: "PLANETARIUM"**

**DISCIPLINE:** GEOLOGY

**Description:** Potsdam maintains a fully equipped planetarium. The equipment utilized for star and planetary movement projection is valued at $40,000. This facility is now utilized five to six times per year by students from other institutions.

**Most Significant Impacts:**

<table>
<thead>
<tr>
<th>Category</th>
<th>Impact</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cost Avoidance</td>
<td></td>
</tr>
<tr>
<td>Cost Efficiency</td>
<td>X</td>
</tr>
<tr>
<td>Cost Effectiveness</td>
<td></td>
</tr>
<tr>
<td>Resource Amplification</td>
<td></td>
</tr>
<tr>
<td>Resource Attraction</td>
<td></td>
</tr>
</tbody>
</table>

The facility is only needed sporadically, but its value for demonstration purposes is considerable.

**FUNDS GRANTED BY THE CARNEGIE CORPORATION**

$0.

**LOCAL MATCHING FUNDS (Non-Grant Sources):**

<table>
<thead>
<tr>
<th>Detail</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planetarium</td>
<td>$40,000.</td>
</tr>
</tbody>
</table>
**PROJECT TITLE: "RESEARCH ADVISEMENT"**

**Description:** Four St. Lawrence students are engaged in geochemical independent study with Potsdam faculty. Another student is engaged in seismographic research.

**Most Significant Impacts:**
- **Cost Avoidance:** The seismograph used by the last student cited is alone worth $30,000.
- **Cost Efficiency:** Staff expertise is employed more fully to improve the educational process.
- **Cost Effectiveness:** Specialized equipment at Potsdam is available which would not have been acquired by St. Lawrence.
- **Resource Amplification:**
- **Resource Attraction:**

**Funds Granted by The Carnegie Corporation**

<table>
<thead>
<tr>
<th>Detail</th>
<th>$</th>
</tr>
</thead>
<tbody>
<tr>
<td>Staff time</td>
<td>1,000</td>
</tr>
<tr>
<td>Equipment usage (atomic absorption unit)</td>
<td>500</td>
</tr>
<tr>
<td>Supplies</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>19,500</td>
</tr>
</tbody>
</table>

**Local Matching Funds (Non-Grant Sources):**

<table>
<thead>
<tr>
<th>Detail</th>
<th>$</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equipment</td>
<td>60,000</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>$ 60,000</td>
</tr>
</tbody>
</table>

**PROJECT TITLE: "X-RAY DIFFRACTION"**

**Description:** A Potsdam faculty member has begun using an x-ray diffraction unit at St. Lawrence for his individual research. He has also been working with two St. Lawrence students on independent study projects that relate to lake-bottom sampling, and one Clarkson student working on solar cell development.

**Most Significant Impacts:**
- **Cost Avoidance:** The x-ray diffraction unit is valued at $60,000.
- **Cost Efficiency:**
- **Cost Effectiveness:**
- **Resource Amplification:**
- **Resource Attraction:**

**Funds Granted by The Carnegie Corporation**

<table>
<thead>
<tr>
<th>Detail</th>
<th>$</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equipment</td>
<td>60,000</td>
</tr>
</tbody>
</table>

**Local Matching Funds (Non-Grant Sources):**

<table>
<thead>
<tr>
<th>Detail</th>
<th>$</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equipment</td>
<td></td>
</tr>
</tbody>
</table>
PROJECT TITLE: "X-RAY FLUORESCENCE"

Description: An x-ray fluorescence unit at St. Lawrence has been made available to a Potsdam staff member. He now uses it for personal research and is supervising a St. Lawrence student for an independent research project.

Most Significant Impacts:

- Cost Avoidance
- Cost Efficiency
- Cost Effectiveness
- Resource Amplification
- Resource Attraction

Better use of an $80,000 device. Faculty expertise available to St. Lawrence.

Funds Granted by The Carnegie Corporation: $0

Local Matching Funds (Non-Grant Sources):

<table>
<thead>
<tr>
<th>Detail</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Materials</td>
<td>$200.00</td>
</tr>
<tr>
<td>Travel</td>
<td>$300.00</td>
</tr>
<tr>
<td>Equipment</td>
<td>$80,000</td>
</tr>
</tbody>
</table>

Total: $80,500.
DISCIPLINE: HISTORY

PROJECT TITLE: "WOMEN'S HISTORY"

Description: Several projects related to the assemblage of a women's studies curriculum concentration. A formal major or minor was not anticipated. The effort in this project was to: (1) Share and plan for the acquisition of library and audiovisual journals; (2) exchanging lecturers; (3) exchanging faculty; and (4) planning a complementary set of course offerings with a view toward better scheduling. Specific assistance was given to strengthening two comparable introductory courses at St. Lawrence and Potsdam.

Most Significant Impacts:

Cost Avoidance

Cost Efficiency X By building upon the totality of courses offered in this field, a specialization is available that would not otherwise have been present.

Cost Effectiveness

Resource Amplification

Resource Attraction

FUNDS GRANTED BY THE CARNEGIE CORPORATION $ 1,900.

LOCAL MATCHING FUNDS (Non-Grant Sources):

Detail $ 300.

Journal subscriptions

2,500.

Faculty time

400.

Brochures

3,200.

TOTAL $ 6,100.

DISCIPLINE: HISTORY

PROJECT TITLE: "WORLD HISTORY SERIES"

Description: As is true of many disciplines in which equipment does not play a major role, audiovisual sharing can be an important common interest. A series of short films on World History, 1900-1950, were acquired and are used actively to enrich World History and Politics courses.

Most Significant Impacts:

Cost Avoidance

Cost Efficiency X At a reasonable cost, the colleges each have access to a significant, educational asset.

Cost Effectiveness

Resource Amplification X Funds saved were committed to a speakers series noted elsewhere.

Resource Attraction

FUNDS GRANTED BY THE CARNEGIE CORPORATION $ 2,200.

LOCAL MATCHING FUNDS (Non-Grant Sources):

Detail $ __________

__________

__________

__________

__________

TOTAL $ 2,200.
FINAL REPORT TO:
THE CARNEGIE CORPORATION OF NEW YORK

APRIL 1981

DISCIPLINE: MULTIDISCIPLINARY

PROJECT TITLE: "BI-LINGUAL EDUCATION"

Description: A consortium staff member, (a linguist,) prepared a major proposal for curriculum development involving the installation of courses to train teachers of Spanish, French, German and Native Americans. The $160,000 project would be based at Potsdam but would draw on courses available at St. Lawrence. The curriculum would be available to students at St. Lawrence.

Most Significant Impacts:
- Cost Avoidance
- Cost Efficiency
- Cost Effectiveness
- Resource Amplification
- Resource Attraction

Proposal submitted to the U. S. Office of Education.

FUNDS GRANTED BY THE CARNEGIE CORPORATION $0
LOCAL MATCHING FUNDS (Non-Grant Sources):

$1,000.

Faculty and staff time

TOTAL $1,000.

DISCIPLINE: MULTIDISCIPLINARY

PROJECT TITLE: "CHEMICAL WASTE DISPOSAL"

Description: The four colleges jointly contracted with Tri-Angle Resources Industries (formerly RAD Services) to dispose of the chemical wastes originating from many college facilities. Because of the "remote" location of the institutions, cooperative collection and disposal represents a great cost savings. Technicians meet regularly to discuss disposal procedures and other issues.

Most Significant Impacts:
- Cost Avoidance
- Cost Efficiency
- Cost Effectiveness
- Resource Amplification
- Resource Attraction

By working cooperatively, the institutions can pool their wastes to achieve the minimum ten-barrel pick up. If accomplished individually, each college would have to pay for disposal of ten barrels plus a "remote" charge of $300 each.

FUNDS GRANTED BY THE CARNEGIE CORPORATION $1,500
LOCAL MATCHING FUNDS (Non-Grant Sources):

$5,600

Two years pick up

TOTAL $7,100.
DISCIPLINE: MULTIDISCIPLINARY
PROJECT TITLE: "COMPUTERIZED BIBLIOGRAPHIC SEARCHING"

Description: Clarkson maintains a telecommunications computer link to a large database library which includes many scientific and other journals. Computerized bibliographic searches can be made rapidly. Demonstrations of the capabilities of this library resource were given. Limited follow-through by faculty has taken place.

Most Significant Impacts:
- Cost Avoidance
- Cost Efficiency
- Cost Effectiveness
- Resource Amplification
- Resource Attraction

FUNDS GRANTED BY THE CARNEGIE CORPORATION $75.
LOCAL MATCHING FUNDS (Non-Grant Sources):

$1,100.
Follow-up searches, 22 @
$50. each

TOTAL $1,175.

DISCIPLINE: MULTIDISCIPLINARY
PROJECT TITLE: "FILM STUDIES"

Description: A major effort was made to form an interdisciplinary group focusing on film studies. Although the creation of a coherent sequence of courses was not realized, major cost benefits were identified. The project affected five courses that dealt with cinematography and a variety of other courses that utilize the equipment secured. Within the project, a VHS 1/2" videotape/playback machine and four 6' screen video projectors were acquired.

The primary use for the projectors was the replay of feature films on videotape. Rental costs for 16mm films are often four times more expensive than the purchase price of video copies that are more durable. In addition, a major cost-saving was realized through the joint purchase:

Most Significant Impacts:
- Cost Avoidance
- Cost Efficiency
- Cost Effectiveness
- Resource Amplification
- Resource Attraction

A reduction of 25% was realized on the purchase.

1/2" video copies of feature films can be purchased for 1/4 of the cost of the rental of 16mm copies. Videotapes can now be used and retained.

A joint purchase of the video projectors led to a direct cost saving of 35% ($4,000.). Videotapes will be available for other courses.

Savings in 16mm rentals will expand.

FUNDS GRANTED BY THE CARNEGIE CORPORATION
LOCAL MATCHING FUNDS (Non-Grant Sources):

$9,000.

$5,400.
VHS units

$11,400.
Projectors

TOTAL $20,400.
DISCIPLINE: MULTIDISCIPLINARY
PROJECT TITLE: "HUMAN SUBJECTS RESEARCH"

The chairman of the psychology department at Potsdam held a seminar on the complexities involved in meeting the requirements of legislation to control research on human subjects. Subsequently, the campus review committee served as the authorizing body for a number of projects originating at St. Lawrence.

Most Significant Impacts:

- Cost Avoidance
- Cost Efficiency
- Cost Effectiveness
- Resource Amplification
- Resource Attraction

The review process is costly in personal time, and it is complex. St. Lawrence avoided the necessity for establishing and training a similar committee.

Funds Granted by the Carnegie Corporation: $2,400

Local Matching Funds (Non-Grant Sources):

- $2,400
- 12 proposals at $200
- 2,400

Total: $2,400

DISCIPLINE: MULTIDISCIPLINARY
PROJECT TITLE: "INDUSTRIAL HYGIENE/AUDIOLOGY COORDINATION"

Description: Clarkson is developing an industrial hygiene program within its biology department. Potsdam is reorganizing the hearing science portion of a Speech and Hearing Clinic into its psychology department. Both programs plan to use each other’s resources. Clarkson’s industrial hygiene program will include two courses at Potsdam, Potsdam’s hearing science program will recommend two to four of Clarkson’s industrial hygiene courses to its students to increase their employment potential.

Most Significant Impacts:

- Cost Avoidance
- Cost Efficiency
- Cost Effectiveness
- Resource Amplification
- Resource Attraction

By sharing their respective expertise and equipment, both programs will benefit educationally.

Faculty involved have written letters of inquiry regarding funding possibilities for back-up programs.

Funds Granted by the Carnegie Corporation: $1,000

Local Matching Funds (Non-Grant Sources):

- $42,000
- Sound equipment at Clarkson
- 76,000
- Sound equipment at Potsdam
- 1,000
- Safety committees at the four colleges
- 113,000

Total: $114,000
DISCIPLINE: MULTIDISCIPLINARY

PROJECT TITLE: "JOINT APPOINTMENTS"

Increasing attention is being given to the sharing of teaching faculty through faculty exchanges, overload teaching, and 'loans' of faculty for specified periods of time. The presence of several faculty who were teaching part-time on two different campuses suggested the potential for joint appointments. A major step forward was made when SUNY A. T. C. at Canton, and Potsdam College requested approval from SUNY Central Administration to enter into joint appointment agreements between themselves. This was the first such approval in SUNY. Two positions in economics and music are being developed in this manner.

Most Significant Impacts:
- Cost Avoidance
- Cost Efficiency
- Cost Effectiveness
- Resource Amplification
- Resource Attraction

FUNDS GRANTED BY THE CARNEGIE CORPORATION $ 2,000

LOCAL MATCHING FUNDS (Non-Grant Sources):

<table>
<thead>
<tr>
<th>Detail</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Two faculty salaries</td>
<td>$30,000</td>
</tr>
<tr>
<td>(estimated)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>30,000</td>
</tr>
<tr>
<td>TOTAL</td>
<td>$32,000</td>
</tr>
</tbody>
</table>

DISCIPLINE: MULTIDISCIPLINARY

PROJECT TITLE: "JOINT CLASS SCHEDULE"

Despite considerable publicity that was directed at the promotion of individual courses and at groups of courses in thematic concentrations, few courses supported by this project attracted many cross-registrants. Since the aim of the overall project was to encourage students to consider the most complete range of options available to them, a joint class schedule is now being printed. It is anticipated that the schedule will be continued in the future with local funding. 4,000 copies are printed each semester.

Most Significant Impacts:
- Cost Avoidance
- Cost Efficiency
- Cost Effectiveness
- Resource Amplification
- Resource Attraction

FUNDS GRANTED BY THE CARNEGIE CORPORATION $ 3,100

LOCAL MATCHING FUNDS (Non-Grant Sources):

<table>
<thead>
<tr>
<th>Detail</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anticipated take-over</td>
<td>$ 9,100</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>$ 3,100</td>
</tr>
</tbody>
</table>

74
DISCIPLINE: MULTIDISCIPLINARY

PROJECT TITLE: "JOINT EXHIBITIONS"

Description: Three exhibitions were obtained and toured among the campuses: "Einstein," "Women At Work," and "Posters of the British Women's Suffrage Movement." The exhibitions received added funding from the N. Y. Council for the Humanities. A variety of intercollege workshops, lectures and panel discussions were held in conjunction with the exhibitions.

Most Significant Impacts:
- Cost Avoidance
- Cost Efficiency
- Cost Effectiveness
- Resource Amplification
- Resource Attraction

Funding from the N. Y. Council for the Humanities

FUNDS GRANTED BY THE CARNEGIE CORPORATION $ 800.
LOCAL MATCHING FUNDS (Non-Grant Sources):
- Detail
- Grants
- Local funds
- Speakers, faculty time

TOTAL $ 6,500.

DISCIPLINE: MULTIDISCIPLINARY

PROJECT TITLE: "LINGUISTICS"

A faculty member in linguistics was retained to teach courses at three campuses. In addition, a colloquium series was set up to bring all interested faculty together. Although courses were installed, there did not appear to be a consensus that a formal curriculum structure could be implemented in the near future.

The jointly appointed faculty member taught "Teaching English As A Second Language" in which tutors worked with foreign students at three campuses to improve their comprehension of English.

Most Significant Impacts:
- Cost Avoidance
- Cost Efficiency
- Cost Effectiveness
- Resource Amplification
- Resource Attraction

Outside funding assisted in securing this position.

FUNDS GRANTED BY THE CARNEGIE CORPORATION $ 3,000.
LOCAL MATCHING FUNDS (Non-Grant Sources):
- Detail
- Grants $ 11,500.
- Faculty member

TOTAL $ 14,500.
**PROJECT TITLE: "PROMOTIONAL LITERATURE"**

**Description:** In an effort to provide higher levels of visibility for either individual courses or groups of courses within selected themes, or to simply promote the cross-registration process, a number of printed materials were prepared. This include a poster on cross-registration, thematic concentration flyers, news articles, posters on single courses, radio ads, library bookmarks, etc.

**Most Significant Impacts:**

<table>
<thead>
<tr>
<th>Cost Avoidance</th>
<th>X</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cost Efficiency</td>
<td>X</td>
</tr>
<tr>
<td>Cost Effectiveness</td>
<td></td>
</tr>
<tr>
<td>Resource Amplification</td>
<td></td>
</tr>
<tr>
<td>Resource Attraction</td>
<td></td>
</tr>
</tbody>
</table>

**FUNDS GRANTED BY THE CARNEGIE CORPORATION**

<table>
<thead>
<tr>
<th>Detail</th>
<th>$900.00</th>
</tr>
</thead>
</table>

**LOCAL MATCHING FUNDS**

<table>
<thead>
<tr>
<th>(Non-Grant Sources):</th>
<th>$0.00</th>
</tr>
</thead>
</table>

**TOTAL**

| $900.00 |

---

**PROJECT TITLE: "RADIOACTIVE WASTES"**

**Description:** Following the success of the cooperative chemical waste disposal arrangement, faculty involved with radioactive wastes have begun planning a cooperative radioactive waste disposal procedure. Clarkson will act as collector and contractor with the company. Wastes will be pooled and a collection will be synchronized with a nearby (90 miles, institution to avoid a larger "remote-setting" charge.

**Most Significant Impacts:**

<table>
<thead>
<tr>
<th>Cost Avoidance</th>
<th>X</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cost Efficiency</td>
<td></td>
</tr>
<tr>
<td>Cost Effectiveness</td>
<td></td>
</tr>
<tr>
<td>Resource Amplification</td>
<td></td>
</tr>
<tr>
<td>Resource Attraction</td>
<td></td>
</tr>
</tbody>
</table>

**FUNDS GRANTED BY THE CARNEGIE CORPORATION**

<table>
<thead>
<tr>
<th>Detail</th>
<th>$0.00</th>
</tr>
</thead>
</table>

**LOCAL MATCHING FUNDS**

<table>
<thead>
<tr>
<th>(Non-Grant Sources):</th>
<th>$0.00</th>
</tr>
</thead>
</table>

**TOTAL**

| $0.00 |
PROJECT TITLE: "SAFETY"

Description: A four-college safety committee meets regularly to share information, concerns, and procedures. Safety films on high-rise fires and fire extinguisher usage have been cooperatively ordered. Equipment present on the campuses which can serve a safety function has been identified and shared. For example, a Clarksococ velcometer is used by the consortium's technician to check air flows in laboratory-rooms on all four campuses. Detector tube systems present at Clarkson and St. Lawrence, are used by Potsdam and Canton. An infrared scanner from Potsdam is used by all four colleges; noise evaluation equipment present at Clarkson and Potsdam is used to evaluate employment situations on all campuses.

Most Significant Impacts:

- Cost Avoidance
- Cost Efficiency
- Cost Effectiveness
- Resource Amplification
- Resource Attraction

Funds Granted by the Carnegie Corporation: $500

Local Matching Funds (Non-Grant Sources):

<table>
<thead>
<tr>
<th>Detail</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equipment shared</td>
<td>$3,000</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>$3,500</td>
</tr>
</tbody>
</table>

TOTAL: $3,500

PROJECT TITLE: "SEMINARS AND CONFERENCES"

Description: A major goal of the project was to bring faculty together in seminars, workshops and conferences to enable them to know one another better at both professional and personal levels. Continuing seminar series were begun in biology, computing applications, psychology, geology, St. Lawrence River Studies, Social Impact Studies, and Latin American Studies. Prior to the initiation of this project, seminar series were underway in economics and physics, and the Council for Women's Concerns. A large number of other sessions were scheduled in English, sociology and a host of other disciplines. Some of these programs were held in the context of funded activities. More than 60 programs were held in the last three years.

Most Significant Impacts:

- Cost Avoidance
- Cost Efficiency
- Cost Effectiveness
- Resource Amplification
- Resource Attraction

Although not the major goal of the project, fuller use has been made of speakers and special knowledge.

American Philosophical Society, N. Y.
Council for the Humanities, IBM, Poets and Writers, SUNY Faculty Scholar's Program and SUNY Conversations in Disciplines

Total: $4,830

Local Matching Funds (Non-Grant Sources):

<table>
<thead>
<tr>
<th>Detail</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Associated Colleges</td>
<td>$9,900</td>
</tr>
<tr>
<td>Outside grants</td>
<td>$3,900</td>
</tr>
<tr>
<td></td>
<td>$13,800</td>
</tr>
</tbody>
</table>

TOTAL: $18,600
DISCIPLINE: MULTIDISCIPLINARY

PROJECT TITLE: "TECHNICIAN'S ASSISTANT"

The need for additional technician expertise was identified as a priority early in the project. Potsdam and Canton had no technician available to them to repair and maintain scientific equipment. Clarkson's and Potsdam's existing technicians were increasingly aware of the need for additional technical support. A floating technician's assistant was originally funded by C.E.T.A. and trained by existing technicians. The position has been continued by the colleges. The existence of a shared technician has led to numerous "permanent equipment loans."

Most Significant Impacts:

- **Cost Avoidance**: By sharing a technician, each institution avoids the cost of a full technician but still has access to equipment repair and maintenance on a regular basis.

Funds Granted by the Carnegie Corporation:

- Salary: $2,000
- Tools: $500
- C.E.T.A.: $2,500

Local Matching Funds (Non-Grant Sources):

- Colleges: $12,500
- C.E.T.A.: $4,500

TOTAL: $24,000

DISCIPLINE: MULTIDISCIPLINARY

PROJECT TITLE: "TECHNICIAN MEETINGS"

There have been two large meetings of all technicians employed by the four colleges, and tours of all repair and maintenance facilities have been made. A directory of technical personnel and expertise was prepared and distributed. The science lab technicians meet regularly to exchange information on supply ordering, equipment exchange, and "permanent loans." They regularly share chemicals and supplies, and offer each other a support network. They have identified pieces of equipment for "permanent loan" to other institutions and share a list of excess chemicals for exchange.

Most Significant Impacts:

- **Cost Avoidance**: By working together, the technical expertise and knowledge can be shared more efficiently.
- **Cost Effectiveness**: Labs may function uninterruptedly that otherwise might have a breakdown or shortage.

Funds Granted by the Carnegie Corporation:

- $150

Local Matching Funds (Non-Grant Sources):

- Unestimatable: $150
PROJECT TITLE: "THEMATIC CONCENTRATIONS"

Description: As an outgrowth of other activities and meetings within the Carnegie project, several multidisciplinary groups sought added assistance to develop their areas of concern. A proposal submitted to the Fund for the Improvement of Postsecondary Education was invited for a full proposal, but was not funded. The project would have accommodated substantial course development in: (1) Latin American Studies; (2) Women's Studies; (3) Native American Studies; and (4) Film Studies, across institutional as well as departmental lines.

Most Significant Impacts:

- Cost Avoidance
- Cost Efficiency
- Cost Effectiveness
- Resource Amplification
- Resource Attraction

Funds Granted by the Carnegie Corporation: $0

Local Matching Funds (Non-Grant Sources): $1,000

Proposal development time: 

TOTAL: $1,000

PROJECT TITLE: "TRANSPORTATION"

Description: Funds were provided to facilitate the movement of students to take advantage of courses and other resources at the campuses and in conjunction with joint field trips.

Most Significant Impacts:

- Cost Avoidance
- Cost Efficiency X Transportation is essential for students to be able to fully draw on all resources.
- Cost Effectiveness
- Resource Amplification
- Resource Attraction

Funds Granted by the Carnegie Corporation: $3,800

Local Matching Funds (Non-Grant Sources): $6,000

Bus program: 

TOTAL: $9,800
**PROJECT TITLE:** "MUSIC II"

**Description:** A Clarkson professor who taught an introductory music course retired in 1980. Potsdam will "lend" a faculty member to teach this course each semester. Consequently, Clarkson has decided that it will not appoint a person to replace the retiree.

**Most Significant Impacts:**
- Cost Avoidance
- Cost Efficiency
- Cost Effectiveness
- Resource Amplification
- Resource Attraction

Clarkson saves the equivalent cost of a 1/3 time faculty member. Funds are reallocated to areas of higher priority.

---

**PROJECT TITLE:** "MUSIC AND INDUSTRY"

**Description:** The original proposal contemplated an intercollege curriculum designed to enable Crane School of Music (Potsdam) students to move into music-related positions in the recording industry, concert-hall administration, booking agencies, etc. The curriculum would have required courses in business administration at Clarkson. The curriculum did develop as a minor, and has been adopted internally. However, it does not require courses from off-campus. A course on "Arts Administration" was the primary focus of this effort. It has been offered three times.

**Most Significant Impacts:**
- Cost Avoidance
- Cost Efficiency
- Cost Effectiveness
- Resource Amplification
- Resource Attraction

Intended objective not realized.

---

**Funds Granted by The Carnegie Corporation**

<table>
<thead>
<tr>
<th>LOCAL MATCHING FUNDS</th>
<th>Detail</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Faculty time</td>
<td>$2,500</td>
<td>$2,500</td>
</tr>
<tr>
<td>$2,500</td>
<td></td>
<td>$2,500</td>
</tr>
<tr>
<td>$7,500</td>
<td>Faculty time (teaching)</td>
<td>$7,500</td>
</tr>
<tr>
<td>$2,700</td>
<td></td>
<td>$2,700</td>
</tr>
<tr>
<td>$9,500</td>
<td></td>
<td>$9,500</td>
</tr>
</tbody>
</table>
DISCIPLINE: "PHYSICS"

PROJECT TITLE: "EQUIPMENT LISTS"

Description: Two comprehensive lists of major equipment pieces were generated. One lists categories of equipment by course or area of usage, and the other by institution. These lists were distributed to all institutions to promote equipment exchanges and cooperative research arrangements.

Most Significant Impacts:
- Cost Avoidance
- Cost Efficiency
- Cost Effectiveness
- Resource Amplification
- Resource Attraction

FUNDS GRANTED BY THE CARNEGIE CORPORATION $0

LOCAL MATCHING FUNDS (Non-Grant Sources):

<table>
<thead>
<tr>
<th>Detail</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>$0</td>
</tr>
</tbody>
</table>

TOTAL $0

DISCIPLINE: PHYSICS

PROJECT TITLE: "PHYSICS II"

Description: Many students need to take a second semester physics course in the fall. Such a course was not available. The grant supported the creation of a team-taught course with faculty from two campuses, Canton and St. Lawrence. The team-teaching facilitated intercampus usage of laboratory equipment as the faculty worked together and students became more aware of the St. Lawrence faculty. The course has been offered twice since it began, although the team-teaching aspect of the course has been dropped.

Most Significant Impacts:
- Cost Avoidance
- Cost Efficiency
- Cost Effectiveness
- Resource Amplification
- Resource Attraction

Without the initiative supported by the grant, this successful effort would not have been undertaken.

FUNDS GRANTED BY THE CARNEGIE CORPORATION $1,500

LOCAL MATCHING FUNDS (Non-Grant Sources):

<table>
<thead>
<tr>
<th>Detail</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$5,000</td>
</tr>
<tr>
<td></td>
<td>$5,000</td>
</tr>
<tr>
<td></td>
<td>$5,000</td>
</tr>
<tr>
<td></td>
<td>$6,500</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

TOTAL $6,500
FINAL REPORT TO:
THE CARNEGIE CORPORATION OF NEW YORK

APRIL 1981

DISCIPLINE: POLITICAL SCIENCE

PROJECT TITLE: "INTRODUCTION TO LATIN AMERICA"

Description: A St. Lawrence faculty member was "loaned" to Potsdam to teach an introductory course which was essential for a planned consortium concentration in Latin-American Studies. Support was applied toward building of library and film resources that would augment existing materials. Proposals for substantial curricular development emerged from an inter-college committee but were not funded. Future developments no longer seem feasible, although a seminar series and a discussion group continue.

Most Significant Impacts:

- Cost Avoidance
- Cost Efficiency X
- Cost Effectiveness
- Resource Amplification
- Resource Attraction X

The intent was to make better use of existing courses and faculty in a "concentration." This did not occur. Proposals submitted were not funded.

FUNDS GRANTED BY THE CARNEGIE CORPORATION $1,500.

LOCAL MATCHING FUNDS (Non-Grant Sources):

<table>
<thead>
<tr>
<th>Detail</th>
<th>$</th>
</tr>
</thead>
<tbody>
<tr>
<td>Faculty time</td>
<td>2,000</td>
</tr>
</tbody>
</table>

TOTAL $3,500.
PROJECT TITLE: "ANIMAL BEHAVIOR"

Description: A three-college curriculum concentration has been designed to highlight the diversity of approaches to this field within the consortium. The project involves psychology, biology and anthropology faculty. A joint brochure and posters were printed, and audiovisual materials were acquired to augment existing holdings. A sequence of articulated courses has been recommended.

An outgrowth of this project has been lending animal traps owned by Potsdam to Clarkson's biology department for small animal trapping.

Most Significant Impacts:

Cost Avoidance

Cost Efficiency

Cost Effectiveness

Resource Amplification

Resource Attraction

Funds granted by the Carnegie Corporation $1,000.

Local Matching Funds (Non-Grant Sources):

<table>
<thead>
<tr>
<th>Detail</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Audiovisual materials</td>
<td>$500.</td>
</tr>
<tr>
<td>Faculty time, (planning only.)</td>
<td>$500.</td>
</tr>
<tr>
<td>Equipment</td>
<td>$100,000.</td>
</tr>
<tr>
<td>Total</td>
<td>$101,000.</td>
</tr>
</tbody>
</table>

FUNDs GRANTED BY THE CARNEGIE CORPORATION $1,000.

LOCAL MATCHING FUNDS (Non-Grant Sources): $500.

Detail

Audiovisual materials
Faculty time, (planning only.)
Equipment

TOTAL $102,000.
The need for additional technician expertise was identified as a priority early in the project. Potsdam and Canton had no technician available to them to repair and maintain scientific equipment. Clarkson's and Potsdam's existing technicians were increasingly aware of the need for additional technical support. A floating technician's assistant was originally funded by C.E.T.A. and trained by existing technicians. The position has been continued by the colleges. The existence of a shared technician has led to numerous "permanent equipment loans."

Most Significant Impacts:
- Cost Avoidance
- Cost Efficiency
- Cost Effectiveness
- Resource Amplification
- Resource Attraction

C.E.T.A. funded the position to allow the individual time for training and for becoming familiar with the colleges.

Funds Granted by the Carnegie Corporation
- Tools: $500
- Salary: $2,000
- TOTAL: $2,500

Local Matching Funds (Non-Grant Sources):
- $0
- TOTAL: $0

Funds Granted by the Carnegie Corporation
- C.E.T.A.: $500
- Colleges: $2,500
- TOTAL: $3,000

Local Matching Funds (Non-Grant Sources):
- Detail
- C.E.T.A.
- Colleges
- TOTAL: $24,000

Most Significant Impacts:
- Cost Avoidance
- Cost Efficiency
- Cost Effectiveness
- Resource Amplification
- Resource Attraction

By sharing a technician, each institution avoids the cost of a full technician but still has access to equipment repair and maintenance on a regular basis.

By working together, the technical expertise and knowledge can be shared more efficiently.

Labs may function uninterruptedly that otherwise might have a breakdown or shortage.

Unestimatable

TOTAL: $150

TOTAL: $150.
As an outgrowth of other activities and meetings within the Carnegie project, several multidisciplinary groups sought to develop their areas of concern. A proposal submitted to the Fund for the Improvement of Postsecondary Education was invited for a full proposal, but was not funded. The project would have accommodated substantial course development in: (1) Latin American Studies; (2) Women's Studies; (3) Native American Studies; and (4) Film Studies, across institutional as well as departmental lines.

Most Significant Impacts:
- Cost Avoidance
- Cost Efficiency
- Cost Effectiveness
- Resource Amplification
- Resource Attraction

Funds Granted by the Carnegie Corporation: $0

Local Matching Funds (Non-Grant Sources):

- Proposal development time: $1,000

Total: $1,000

Most Significant Impacts:

- Transportation is essential for students to be able to fully draw on all resources.

Funds Granted by the Carnegie Corporation: $3,800

Local Matching Funds (Non-Grant Sources):

- Bus program: $6,000

Total: $9,800
PROJECT TITLE: "MUSIC II"

Description: A Clarkson professor who taught an introductory music course retired in 1980. Potsdam will "lend" a faculty member to teach this course each semester. Consequently, Clarkson has decided that it will not appoint a person to replace the retiree.

Most Significant Impacts:

- Cost Avoidance: Clarkson saves the equivalent cost of a 1/3 time faculty member.
- Cost Efficiency
- Cost Effectiveness
- Resource Amplification: Funds are reallocated to areas of higher priority.
- Resource Attraction

Funds granted by the Carnegie Corporation: $200.

Local matching funds:

<table>
<thead>
<tr>
<th>Detail</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Faculty time</td>
<td>$2,500</td>
</tr>
</tbody>
</table>

Total: $2,700.

Funds granted by the Carnegie Corporation: $2,000.

Local matching funds:

<table>
<thead>
<tr>
<th>Detail</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Faculty time (teaching)</td>
<td>$7,500</td>
</tr>
</tbody>
</table>

Total: $9,500.
PROJECT TITLE: "EQUIPMENT LISTS"

Description: Two comprehensive lists of major equipment pieces were generated. One lists categories of equipment by course or area of usage, and the other by institution. These lists were distributed to all institutions to promote equipment exchanges and cooperative research arrangements.

Most Significant Impacts:

<table>
<thead>
<tr>
<th>Impact</th>
<th>X</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cost Avoidance</td>
<td></td>
</tr>
<tr>
<td>Cost Efficiency</td>
<td></td>
</tr>
<tr>
<td>Cost Effectiveness</td>
<td>X</td>
</tr>
<tr>
<td>Resource Amplification</td>
<td></td>
</tr>
<tr>
<td>Resource Attraction</td>
<td></td>
</tr>
</tbody>
</table>

Funds

Funds Granted by The Carnegie Corporation: $0.00

Local Matching Funds (Non-Grant Sources):

<table>
<thead>
<tr>
<th>Detail</th>
<th>$</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Total: $0.00

PROJECT TITLE: "PHYSICS II"

Description: Many students need to take a second semester physics course in the fall. Such a course was not available. The grant supported the creation of a team-taught course with faculty from two campuses, Canton and St. Lawrence. The team-teaching facilitated intercampus usage of laboratory equipment as the faculty worked together and students became more aware of the St. Lawrence faculty. The course has been offered twice since it began, although the team-teaching aspect of the course has been dropped.

Most Significant Impacts:

<table>
<thead>
<tr>
<th>Impact</th>
<th>X</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cost Avoidance</td>
<td></td>
</tr>
<tr>
<td>Cost Efficiency</td>
<td>X</td>
</tr>
<tr>
<td>Cost Effectiveness</td>
<td></td>
</tr>
<tr>
<td>Resource Amplification</td>
<td></td>
</tr>
<tr>
<td>Resource Attraction</td>
<td></td>
</tr>
</tbody>
</table>

Funds

Funds Granted by The Carnegie Corporation: $1,500

Local Matching Funds (Non-Grant Sources):

<table>
<thead>
<tr>
<th>Detail</th>
<th>$</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>$5,000</td>
</tr>
<tr>
<td></td>
<td>$5,000</td>
</tr>
</tbody>
</table>

Total: $6,500
Description: A St. Lawrence faculty member was "loaned" to Potsdam to teach an introductory course which was essential for a planned consortium concentration in Latin-American Studies. Support was applied toward building of library and film resources that would augment existing materials. Proposals for substantial curricular development emerged from an inter-college committee but were not funded. Future developments no longer seem feasible, although a seminar series and a discussion group continue.

Most Significant Impacts:

Cost Avoidance

Cost Efficiency  X  The intent was to make better use of existing courses and faculty in a "concentration." This did not occur.

Cost Effectiveness

Resource Amplification

Resource Attraction  X  Proposals submitted were not funded.

Funds Granted by the Carnegie Corporation  $ 1,500.

Local Matching Funds  (Non-Grant Sources):

$ 2,000  Faculty time

$ 3,500.
DISCIPLINE: PSYCHOLOGY

PROJECT TITLE: "ANIMAL BEHAVIOR"

Description: A three-college curriculum concentration has been designed to highlight the diversity of approaches to this field within the consortium. The project involves psychology, biology and anthropology faculty. A joint brochure and posters were printed, and audiovisual materials were acquired to augment existing holdings. A sequence of articulated courses has been recommended.

An outgrowth of this project has been lending animal traps owned by Potsdam to Clarkson's biology department for small animal trapping.

Most Significant Impacts:

- Cost Avoidance
- Cost Efficiency
- Cost Effectiveness
- Resource Amplification
- Resource Attraction

Funds Granted by the Carnegie Corporation: $1,000.

Local Matching Funds (Non-Grant Sources):

- Audiovisual materials: $500.
- Faculty time (planning only): $100,000.
- Equipment: $101,003.

Total: $102,003.

DISCIPLINE: PSYCHOLOGY

PROJECT TITLE: "CAREER AWARENESS CENTER"

Description: Two faculty at Potsdam have initiated the assemblage of a career awareness and planning center. Resource materials on vocational outlets for psychology majors are continuously being ordered. Four-college course sequences for students interested in specializations such as art therapy, gerontology, etc., are being compiled. Better advisement of students is sought.

Most Significant Impacts:

- Cost Avoidance
- Cost Efficiency
- Cost Effectiveness
- Resource Amplification
- Resource Attraction

This effort seeks to encourage students to draw on the total course offerings of the colleges.

Funds Granted by the Carnegie Corporation: $200.

Local Matching Funds (Non-Grant Sources):

- Materials and supplies: $200.
- Faculty time: $3,000.

Total: $4,200.
PROJECT TITLE: "ENVIRONMENTAL NOISE"

Offerings in environmental noise at Clarkson and Potsdam were strengthened. Equipment will be shared and lectures will be exchanged. Potsdam's staff strength in physiolocial effects and damage-risk criteria complements Clarkson's strength in psychological, biological and engineering aspects of noise as described elsewhere. A formal concentration in audiology at Potsdam is being proposed for Clarkson's Industrial Hygiene majors.

Most Significant Impacts:
- Cost Avoidance
- Cost Efficiency
- Cost Effectiveness
- Resource Amplification
- Resource Attraction

Funds Granted by the Carnegie Corporation: $1,500.

Local Matching Funds (Non-Grant Sources):
- $21,800 Noise Pollution
- 17,565 Equipment - Potsdam College
- 39,365 Acoustic equipment - Clarkson

TOTAL: $40,865.

PROJECT TITLE: "EQUIPMENT EXCHANGE"

Description: Many examples of equipment exchange could be cited. Among the major ones are: (1) Potsdam loaned a $5,000 audiometer to Clarkson; (2) Potsdam and Clarkson combined two devices essential to one another, a tachistoscope valued at $7,000 and a reaction measuring unit valued at $2,000; small devices of $100/500 value are frequently loaned out by all campuses.

Most Significant Impacts:
- Cost Avoidance
- Cost Efficiency
- Cost Effectiveness
- Resource Amplification
- Resource Attraction

Funds Granted by the Carnegie Corporation: $0.

Local Matching Funds (Non-Grant Sources):
- $12,000 Equipment, (est. value)

TOTAL: $12,000.
PROJECT TITLE: "FACULTY EXCHANGE"

Description: An exchange of faculty between Potsdam and Clarkson enabled each college to have courses offered that were otherwise not available to them. (Industrial Psychology, Developmental Psychology, respectively.) Grant funds for audiovisual support were an incentive to arranging the exchange.

Most Significant Impacts:

- Better use of faculty expertise
- Neither college had faculty trained in the course subject they received.

Funds Granted by the Carnegie Corporation: $1,050.

LOCAL MATCHING FUNDS (Non-Grant Sources):

<table>
<thead>
<tr>
<th>Detail</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Faculty time</td>
<td>$4,000</td>
</tr>
<tr>
<td></td>
<td>$1,050</td>
</tr>
</tbody>
</table>

TOTAL: $5,050.

PROJECT TITLE: "MODULAR INTRODUCTORY PSYCHOLOGY COURSE"

Description: Potsdam College undertook a major revision of its multi-section "Introduction to Psychology" course. The course was divided into modules for which: (1) Videotapes were made to be shown to students; (2) Videotapes were made to update faculty in selected areas (i.e., current brain-functioning research); (3) Demonstration equipment was boxed; and (4) Other instructional materials were developed. The modules can be shipped to all colleges in any sequence and in any number. The equivalent of one and one-quarter (full-time) faculty lines were committed to this project. An offshoot of the project was the creation of a videotaping facility with significant amounts of equipment assembled from within the college.

Most Significant Impacts:

- The availability of the modules significantly reduces the faculty time required to teach the multiple sections.
- Some of the equipment being utilized is only available at Potsdam and need not be replicated. Canton and Clarkson have minimal laboratory equipment or facilities.

Funds Granted by the Carnegie Corporation: $1,500.

LOCAL MATCHING FUNDS (Non-Grant Sources):

<table>
<thead>
<tr>
<th>Detail</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Faculty time</td>
<td>$20,000</td>
</tr>
<tr>
<td>Technician time</td>
<td>$8,000</td>
</tr>
<tr>
<td>Facility investment</td>
<td>$30,000</td>
</tr>
<tr>
<td>Demonstration equipment for</td>
<td>$68,000</td>
</tr>
<tr>
<td>modules</td>
<td>$69,500</td>
</tr>
</tbody>
</table>

TOTAL: $69,500.
FINAL REPORT TO:
THE CARNEGIE CORPORATION OF NEW YORK

APRIL 1981

DISCIPLINE: PSYCHOLOGY

PROJECT TITLE: SEMINAR SERIES

Description: A colloquium series of between 10-12 programs has been organized each grant year and will, no doubt, continue. Most seminars involve 70-100 individuals with good representation from all campuses. A primary value of the series is greater familiarity among the faculty.

PROJECT TITLE: "STATISTICS"

DISCIPLINE: PSYCHOLOGY

Description: A Potsdam faculty member has developed computer programs that are designed for a second-level statistics course. The courseware, in place and in preparation, goes beyond the use of statistical techniques for specific exercises. Instead, they are more tutorial in testing the problem-solving capabilities of the students.

Most Significant Impacts:

Cost Avoidance
Cost Efficiency
Cost Effectiveness
Resource Amplification
Resource Attraction

The combined series provides each college with access to a greater range of speakers than they could possibly afford individually.

The techniques developed for this course will be usefully employed through transfer of the courseware to other campus computers.

FUNDS GRANTED BY THE CARNEGIE CORPORATION

$ 600

LOCAL MATCHING FUNDS
(Non-Grant Sources):

Detail
Printing $ 200
Consultants and travel 3,000
Reception costs 300

Per Year 3,500.

TOTAL $ 4,100.

FUNDS GRANTED BY THE CARNEGIE CORPORATION

$ 1,000

LOCAL MATCHING FUNDS
(Non-Grant Sources):

Detail
Faculty time (development) $ 2,000
Computer time and materials 1,500

TOTAL $ 4,500.
PROJECT TITLE: "CONSORTIUM APPOINTMENT"

Description: A faculty member was jointly appointed to teach courses in religious studies at St. Lawrence, Potsdam and Clarkson. She provided courses that strengthened the religious studies programs at St. Lawrence and Potsdam and offered introductory coursework at Clarkson. An offshoot of this position was the receipt of a small grant from the American Philosophical Society for visiting scholars to give lectures.

Most Significant Impacts:

- Cost Avoidance
- Cost Efficiency
- Cost Effectiveness
- Resource Amplification
- Resource Attraction

FUNDS GRANTED BY THE CARNEGIE CORPORATION: $1,500

LOCAL MATCHING FUNDS (Non-Grant Sources):

- $11,500 Faculty salary and fringe benefits
- 1,200 Grant funds for lecturers
- 500 Local funds for lecturers

TOTAL: $14,200

Most Significant Impacts:

- Cost Avoidance
- Cost Efficiency
- Cost Effectiveness
- Resource Amplification
- Resource Attraction

FUNDS GRANTED BY THE CARNEGIE CORPORATION: $1,500

LOCAL MATCHING FUNDS (Non-Grant Sources):

- $200 Travel

TOTAL: $1,700
**PROJECT TITLE:** "WORLD RELIGION"

**Description:** A course on "World Religion" was offered by two St. Lawrence faculty for Canton students. The course was supported to obtain greater exposure for the expansive offerings of St. Lawrence, as well as for the individual faculty. It was also intended to strengthen the Humanities curriculum at Canton which was being initiated.

The TIME-LIFE series of videotapes on "The Long Search" was also acquired to support this and comparable courses within the consortium.

**Most Significant Impacts:**

<table>
<thead>
<tr>
<th>Cost Avoidance</th>
<th>Cost Efficiency</th>
<th>Cost Effectiveness</th>
<th>Resource Amplification</th>
<th>Resource Attraction</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>X.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The project was funded to encourage cross-registration of Canton students to St. Lawrence's courses that can accommodate added enrollments.

**FUNDS GRANTED BY THE CARNEGIE CORPORATION**

<p>| |</p>
<table>
<thead>
<tr>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>$ 2,500.</td>
</tr>
</tbody>
</table>

**LOCAL MATCHING FUNDS**

(Non-Grant Sources):

<table>
<thead>
<tr>
<th>Detail</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>$ 1,000.</td>
<td></td>
</tr>
<tr>
<td>Videotapes</td>
<td></td>
</tr>
</tbody>
</table>

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1,000.</td>
</tr>
</tbody>
</table>

**TOTAL**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$ 3,500.</td>
</tr>
</tbody>
</table>
**FINAL REPORT TO:**
THE CARNEGIE CORPORATION OF NEW YORK

PROJECT TITLE: "ARTICULATED CURRICULUM IN CRIMINOLOGY"

**Description:** A four-year major in criminal justice is being phased out at Clarkson. Canton operates a two-year program in this field. Potsdam is setting up an articulated curriculum that would facilitate the transfer of Canton's students to Potsdam. Potsdam's courses would be used to secure a bachelor's degree in psychology, sociology or another related field rather than in criminal justice.

(See: "Cooperative Degree in Criminology.")

<table>
<thead>
<tr>
<th>Most Significant Impacts:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cost Avoidance</td>
</tr>
<tr>
<td>Cost Efficiency</td>
</tr>
<tr>
<td>Cost Effectiveness</td>
</tr>
<tr>
<td>Resource Amplification</td>
</tr>
<tr>
<td>Resource Attraction</td>
</tr>
</tbody>
</table>

**Funds Granted by the Carnegie Corporation**

$ 750

**Local Matching Funds (Non-Grant Sources):**

| Detail | $ 0.00 |

**Funds Granted by the Carnegie Corporation**

$ 750

**Local Matching Funds (Non-Grant Sources):**

| Detail | Unestimatable due to scale of courses involved. |

**Most Significant Impacts:**

<table>
<thead>
<tr>
<th>Cost Avoidance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cost Efficiency</td>
</tr>
<tr>
<td>Cost Effectiveness</td>
</tr>
<tr>
<td>Resource Amplification</td>
</tr>
</tbody>
</table>

**Funds Granted by the Carnegie Corporation**

$ 750

**Local Matching Funds (Non-Grant Sources):**

| Detail | $ 0.00 |

**Funds Granted by the Carnegie Corporation**

$ 750

**Local Matching Funds (Non-Grant Sources):**

| Detail | Unestimatable due to scale of courses involved. | $ 0.00 |
**PROJECT TITLE: "SEX ROLES IN MANAGERIAL SETTING"**

Description: A Clarkson faculty member designed and offered a course to meet curriculum needs at three of the institutions. Clarkson has a management school which is increasing its recruitment of women. Potsdam has a personnel management program; Canton offers an associate degree in business administration. The course will be offered on a regular basis and will travel among the campuses.

<table>
<thead>
<tr>
<th>Most Significant Impacts:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Cost Avoidance</td>
<td>X</td>
</tr>
<tr>
<td>Cost Efficiency</td>
<td></td>
</tr>
<tr>
<td>Cost Effectiveness</td>
<td></td>
</tr>
<tr>
<td>Resource Amplification</td>
<td></td>
</tr>
<tr>
<td>Resource Attraction</td>
<td></td>
</tr>
</tbody>
</table>

**PROJECT TITLE: "SOCIOLOGY OF FILM"**

Description: This course was the counterpart to "Comedy and Terror," listed under English. (See that description.)

<table>
<thead>
<tr>
<th>Most Significant Impacts:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Cost Avoidance</td>
<td></td>
</tr>
<tr>
<td>Cost Efficiency</td>
<td></td>
</tr>
<tr>
<td>Cost Effectiveness</td>
<td></td>
</tr>
<tr>
<td>Resource Amplification</td>
<td></td>
</tr>
<tr>
<td>Resource Attraction</td>
<td></td>
</tr>
</tbody>
</table>

| FUNDS GRANTED BY THE CARNEGIE CORPORATION | $ 1,500 |
| LOCAL MATCHING FUNDS (Non-Grant Sources) | Detail |
| $ 300 Library and support |
| 1,500 Faculty teaching |
| 1,600 |
| TOTAL $ 3,300. |

| FUNDS GRANTED BY THE CARNEGIE CORPORATION | $ 950 |
| LOCAL MATCHING FUNDS (Non-Grant Sources) | Detail |
| $ 1,500 Film rentals |
| 500 Film purchases |
| 2,500 Faculty time |
| 4,500 |
| TOTAL $ 5,450. |
Description: A course on visual sociology was developed at Potsdam. This course was an off-shoot of the film studies development effort. Unlike the "Sociology of Film" course, this one dealt with documentary films with an anthropological/sociological origin. Following its initiation at Potsdam, the course was offered at St. Lawrence on an overload basis.

Most Significant Impacts:

Cost Avoidance

Cost Efficiency X The faculty expertise was shared among campuses.

Cost Effectiveness

Resource Amplification

Resource Attraction

Funds Granted by the Carnegie Corporation $ 1,500.

Local Matching Funds (Non-Grant Sources):

Detail

Faculty time (two courses).

$ 4,000.

TOTAL $ 5,500.