U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE
NATIONAL INSTITUTES OF HEALTH
SPECIAL RESEARCH RESOURCE ANNUAL REPORT

Grant Number FR-08311-03
ACME
August 1, 1968 to July 31, 1969

Joshua Lederberg, Ph.D., Principal Investigator
Stanford University School of Medicine
Report Period: (same as current 12-month budget period)  
From: August 1, 1968  To: July 31, 1969  
Grant No. FR 00311-03

<table>
<thead>
<tr>
<th>Resource Title</th>
<th>Resource Address</th>
<th>Resource Tel. No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced Computer for Medical Research (ACME)</td>
<td>Stanford University School of Medicine Palo Alto, California</td>
<td>(415) 321-1200 Ext. 5818</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Principal Investigator</th>
<th>Title</th>
<th>Academic Dept.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lederberg, Joshua</td>
<td>Professor</td>
<td>Genetics</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Grantee Institution</th>
<th>Type of Institution</th>
<th>Investigator's Tel. No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stanford University School of Medicine</td>
<td>Private University</td>
<td>(415) 321-2300 Ext. 5049</td>
</tr>
</tbody>
</table>

Name of Institution's Special Research Resource Advisory Committee: Computer Policy Committee

Membership of Special Research Resource Advisory Committee (Indicate Chairman)

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Department</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

see next page
TABLE OF CONTENTS

Special Research Resource
Annual Report

Section I: Resource Operations

A. General Description of Resource Operation 4
B. Summary of Resource Usage 27
C. Resource Equipment List 66
D. Summary of Publications 72

Section II: Resource Finances

A. Summary of Resource Expenditures 76
B. Summary of Resource Funding 77
C. Expenditure Details - Direct Costs 78
D. Budget Explanation - Justification 82

Section III: Project Descriptions

A. Core Research Project Descriptions 85
B. Individual User Project Descriptions 88