1. INSTRUCTIONAL ACTIVITIES

1. Regular Course Offerings

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Title</th>
<th>Credit Hrs.</th>
<th>No. Students</th>
<th>No. of Lab. Sections</th>
</tr>
</thead>
<tbody>
<tr>
<td>SUMMER: EFB 345</td>
<td>Forest Health (with S. Teale)</td>
<td>3</td>
<td>10</td>
<td>CLBS</td>
</tr>
<tr>
<td>EFB 202</td>
<td>Ecological Monitoring/ Biodiversity Assessment (Team Taught)</td>
<td>3</td>
<td>75</td>
<td>CLBS</td>
</tr>
<tr>
<td>FALL: EFB 303</td>
<td>Intro. Environmental Microbiology (with J.P. Nakas)</td>
<td>4</td>
<td>59</td>
<td>2</td>
</tr>
<tr>
<td>SPRING: EFB 217</td>
<td>Peoples, Plagues, &amp; Pests (with S.A. Teale)</td>
<td>3</td>
<td>159</td>
<td>0</td>
</tr>
<tr>
<td>EFB 340</td>
<td>Forest &amp; Shade Tree Pathology</td>
<td>3</td>
<td>48</td>
<td>3</td>
</tr>
</tbody>
</table>

NOTE: PLEASE INDICATE WHICH COURSE(S) HAD A SERVICE-LEARNING COMPONENT AND BRIEFLY EXPLAIN THE NATURE OF THIS COMPONENT. For examples of service-learning in courses, see: http://www.esf.edu/students/service/courses.htm. Service-learning is a form of structured experiential education in which students engage with the community to be active learners, to enrich their sense of civic responsibility, and to explore practical application for course content. Faculty oversight, reflective thinking, and reciprocity are key components of service-learning. EFB courses currently listed with service-learning components include: 416/6/1, 486, 518, 521, 532, 446/646.

2. Non-Scheduled Course Offerings (e.g., 496, 899, 999)

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Title</th>
<th>Credit Hrs.</th>
<th>No. Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>EFB 420</td>
<td>Internship in Forest Health</td>
<td>3</td>
<td>1 (J. West)</td>
</tr>
<tr>
<td>EFB 494</td>
<td>Senior Synthesis in Forest Health</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td>EFB 495</td>
<td>Undergraduate Teaching Experience</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>EFB 498</td>
<td>Independent Study</td>
<td>3</td>
<td>2</td>
</tr>
</tbody>
</table>
3. **Continuing Education and Extension** (short courses, workshops, etc.) EFB 496

4. **Guest Lecture Activities**

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Title</th>
<th>No. of Lectures</th>
</tr>
</thead>
</table>

II. **STUDENT ADVISING**

A. Number of undergraduates for whom you are the student’s official advisor  25 and unofficial advisor ____

B. Graduate Students: (Name, degree sought, starting date, month & year; if a degree was completed, please give date and full citation for the thesis or dissertation).

**MAJOR PROFESSOR**

Som Mukherjee (Ph.D., starting date 1/1/00)
Jonathan Cale (Ph.D., starting date 1/1/09, switched from MS to Ph.D program on 1/1/11)

**CO-MAJOR PROFESSOR**

None

**MEMBER, STEERING COMMITTEE** (other than those listed above)

Paul Bryant - S.A. Teale is major professor
Moses Cucura – S.A. Teale is major professor

**CHAIRMAN OR READER ON THESIS EXAMS, ETC.**

None in past year

III. **RESEARCH COMPLETED OR UNDERWAY**

A. Departmental Research (unsupported, boot-legged; title - % time spent)
B. 1. Grant-supported Research (source, subject, amount - total award and current year, award period starting and ending dates; list graduate research assistants supported by each grant)


2. Research Proposals pending (include information as in B.1., above).

3. Research Proposals submitted, but rejected (include information as in B.1, above)

IV. PUBLICATIONS (Full bibliographic citation, i.e., do not use "with Jones," or "Jones, et al."); please list only publications published, in press, or actually submitted during this reporting period --- do not list manuscripts in preparation).

A. Refereed Publications


B. Non-refereed Publications


C. Papers Presented at Science Meetings (give title, date, occasion, and location)
D. Public Service Presentations (lectures, seminars, etc. to and for the public; give group or occasion, date(s), and attendance)

V. PUBLIC SERVICE

A. Funded Service (include consulting activities)
   1. Government Agencies (Federal, State, Local):
   2. Industrial and Commercial Groups, etc.

B. Unfunded Service to Governmental Agencies, Public Interest Groups, etc.

VI. PROFESSIONAL DEVELOPMENT

A. Professional Honors and Awards (for teaching, research, outreach, etc.)

B. 1. Activities in Professional Organizations (offices held, service as chairman, member, participant or consultant)
   2. Professional Society Membership
      American Phytopathological Society
   3. Other Professional Activities
      a. Editorial activity
         Journal (s)                       Responsibility

         Other (books, symposia, etc.)

      b. Reviewer
         Journal(s)                       No. of manuscripts

         Agency                           No. of proposals
Other

c. Participation (workshops, symposia, etc.)

<table>
<thead>
<tr>
<th>Name of workshop, etc.</th>
<th>Date</th>
<th>Place</th>
</tr>
</thead>
</table>

C. Further Education/Re-training Undertaken, Leaves, Workshops, etc.

D. Foreign Travel (Where, When, Purpose)

VII. ADMINISTRATIVE AND SERVICE RESPONSIBILITIES (include committee participation)

A. Department-level
   - Associate Chair
   - Chairman of the departmental Promotion and Tenure Committee
   - Coordinator of the Forest Health major
   - Faculty coordinator of the 2011 departmental spring awards ceremony
   - Unofficial EFB faculty point person for departmental autoclave repair.

B. College-level
   - Chaired an *ad hoc* college-wide committee appointed by the Provost to develop a new undergraduate curriculum in Environmental Health, which was subsequently approved by ESF Faculty Governance and submitted to SUNY-Central for approval.

C. University-wide, including Research Foundation

VIII. SUMMARY OF SIGNIFICANT ACTIVITIES AND ACCOMPLISHMENTS DURING THIS REPORTING PERIOD, ESPECIALLY THOSE MOST NOTEWORTHY AND RELATIVE TO THE COLLEGE’S AND DEPARTMENT’S MISSION. One paragraph on each of the following would be most helpful: this past year, what have you done for our students, department/college, and self professionally?

NOTE: The information in this section (along with the supporting specific information elsewhere in this report) should be your strongest case for being considered for a discretionary raise, which I’ll continue to award based on your contributions to the department and college this reporting period.

I continue to work hard to enhance the Forest Health major within EFB, of which I am the coordinator. This past year (2010-2011), four students graduated from the major. Despite the losses to graduation, the major appears healthy. We now have approximately 12 students in the major preregistered for the fall semester 2011. EFB 494, a senior synthesis course for forest health majors, is now being taught. Enrollment in EFB 340, Forest and Shade Tree Pathology, has remained at around 50 students. Enrollment in EFB 345-Forest Health, at CLBS has maintained an enrollment of 8-14 students during the past 3-4 years as well. I attribute this increase to enhanced interest in Forest Health at ESF. Enrollment in ‘Peoples, Plagues, and Pests ’ (EFB 217) has remained constant with ~ 160 students this past semester.
My textbook on Forest Health, coedited with Dr. S.A. Teale, and published by Cambridge University Press, has now appeared in print. Five research manuscripts have been published, are in press, or in review in refereed journals this past year. A McIntire-Stennis proposal with M. Johnston and S.A. Teale was funded this year, which allows me to continue my research efforts with beech bark disease for the next two years. Two new graduate students and several undergrads will work with me on this project.

IX. A. FUTURE PLANS, AMBITIONS, AND POTENTIAL CONTRIBUTIONS FOR YOUR OWN PROFESSIONAL DEVELOPMENT AND THE ENHANCEMENT OF THE PROGRAM IN ENVIRONMENTAL AND FOREST BIOLOGY (brief summary)

I plan to teach the four courses that I now teach, and hopefully enrollments will at least remain stable or increase. I am particularly hopeful for EFB 217, and want to reach the 200 student plateau next spring. In addition, I will teach a part of EFB 202 at CLBS this coming summer (2011), and I will participate in the teaching of the new Diversity of Life course sequence. So next year I will be teaching six courses for the Dept of EFB.

A new graduate student will enter my lab (Justin West) this summer, and will work with Steve Teale, Mariann Johnston, Jon Cale, and me on our new McIntire-Stennis grant, which was just funded.

B. PROJECTED ACTIVITIES FOR NEXT YEAR

1. Summer 2011

   a. Course(s) to be offered
      EFB 345-Forest Health with S.A. Teale          CLBS
      EFB 202-Ecological Monitoring/Biodiversity Assessment   CLBS

   b. Proposed research activity

      Initiate field work on new BBD project

   c. University, professional society, and public service

      Initiate development of minimal criteria for promotion/tenure with P/T committee
      Continue Associate Chair duties

2. Fall Semester 2011

   a. Course(s) to be offered

      EFB 303-Intro Environmental Microbiology with J.P. Nakas
      EFB XXX-Diversity of Life 1 (two lectures and one lab on viruses)

   b. Proposed research activity
Continue field and lab work on new BBD project

c. University, Professional society, and public service

Chair P/T Committee
Continue Associate Chair duties

3. Spring Semester 2012

a. Course(s) to be offered

EFB 217-Peoples, Plagues, and Pests with S.A. Teale
EFB 340-Forest and Shade Tree Pathology

b. Proposed research activity

Continue lab work on new BBD project

c. University, professional society, and public service

Continue P/T chair duties
Continue Associate Chair duties