Compact for the Office of the Vice President for Research

2003-2004

A. Introduction

Our vision is that the creation of new knowledge through research both enriches the lives of people and provides the foundation for the teaching and outreach functions of the University. The Office of the Vice President for Research is comprised of seven units that are responsible for various aspects of the research enterprise at the University of Minnesota. We are dedicated to serving the faculty and staff as they seek support for research, while they conduct research, and while they transfer newly discovered information to the public domain. In addition, we support and foster new research initiatives across the University.

After decades of service as a faculty member of the University, Professor David Hamilton accepted the role of Interim Vice President for Research in the summer of 2002. It was decided at that time to begin to split this function from the combined appointment with the Dean of the Graduate School. With the start of the 2003-04 fiscal year, the office of the VPR will be a unique entity, separated in both fiscal and human resources dimensions.

The functions of the Office of the Vice President include administrative responsibility for the University’s overall research grant activity. It is important to note early in this document that the outstanding faculty of this University continue to provide a tangible return on Minnesota’s investment in its only public research university. In total, through their entrepreneurial efforts, the University of Minnesota currently receives external research awards that now exceed $525 million in the past year. These diverse activities bring with them a variety of exciting opportunities that yield new discoveries, stimulate economic activities, and further knowledge in a multitude of disciplines. At the same time a myriad of challenges to assure effective stewardship of these scarce resources is core to the mission of this office.

The vice-presidential unit is constituted by a group of organizations with a variety of collaborative missions that protect, enhance, and broaden the University’s research activities. The following major units are included:

- Sponsored Projects Administration
- Patents and Technology Marketing
- Office of Oversight, Analysis, and Reporting
- Research Subjects Protection Program
- Office of Regulatory Affairs
- Responsible Conduct of Research Program and Research Ethics
- Electronic Research Administration

The compact between the Executive Vice President and Provost and the Vice President for Research for 2003-04 includes the following areas of emphasis:

B. Update – Major Long-Term Goals/Priorities from Previous Compacts.

1. IMPROVING RESEARCH ADMINISTRATION SERVICES:

Sponsored Projects Administration: The Office of Sponsored Projects Administration (SPA) strives to provide continually improving levels of customer service:

- Awards in process to be set up have been maintained at manageable levels;
- The office continues to be able to recruit high quality personnel;
- Staff members are trained in the core values of the organization;
- SPA has streamlined business processes while an internal EGMS (EGMSi) database has been installed to manage proposals and awards more efficiently.

Staffing at the current level has been effective in providing timely proposal processing and account set-ups. It is uncommon to hear complaints from faculty and staff about non-responsiveness by SPA employees. This change in culture has evolved at the same time that implementation of the new EGMSi is occurring. This enhancement required hours of training of the staff and management of existing daily workloads.

Nearly all the staff participated in training programs that reinforced our core values of good communication, customer service, and a respectful workplace. All supervisors are required to complete supervisory training offered by the Office of Human Resources. Many of the grant and contract administrators in SPA have attended regional or national conferences to enhance their professional development. Business processes have been reviewed and improved, and these have been captured in EGMSi. Further efficiencies are gained because EGMSi interacts directly with the proposal preparation portion of EGMS (EGMSe [or, external]) to capture information from the proposal forms (including the budget). This assures that re-keying is not necessary, obviating errors that result from re-keying.

In response to independent analyses by two external organizations, management in SPA was also reorganized during the year through staff re-assignments. With these changes, lines of authority have been clarified and a project of improvement of internal communication has begun. This will range from ensuring staff have needed information in order to perform their jobs, to setting performance standards, ensuring internal procedures are well understood, and that they conform with institutional policy. Emphasis has also been placed on making SPA a good place to work in, with employee involvement in making the office run smoothly a high priority.

In terms of the volume of work that SPA handles, the University posted record increases in sponsored research program expenditures, awards, and proposals for FY02. Minnesota faculty submitted 4,860 research proposals requesting over $1.47 billion in funding. This represents an increase of nearly 4.5% over FY01. Our researchers were successful in securing over $527 million in sponsored awards; a nearly 10% increase and a new record for our organization. Research expenditures also set a new high of $443 million, a 9 percent increase over FY01. The following is a record of the outstanding accomplishments of University researchers as measured in millions of dollars:

<table>
<thead>
<tr>
<th></th>
<th>FY97</th>
<th>FY98</th>
<th>FY99</th>
<th>FY00</th>
<th>FY01</th>
<th>FY02</th>
</tr>
</thead>
<tbody>
<tr>
<td>Expenditures:</td>
<td>312.3</td>
<td>343.5</td>
<td>335.5</td>
<td>376.4</td>
<td>407.5</td>
<td>443</td>
</tr>
<tr>
<td>Awards:</td>
<td>343.3</td>
<td>350.0</td>
<td>364.9</td>
<td>455.2</td>
<td>498.4</td>
<td>527</td>
</tr>
<tr>
<td>Proposals:</td>
<td>698.1</td>
<td>824.5</td>
<td>904.4</td>
<td>1,180.2</td>
<td>1,406.0</td>
<td>1,470.0</td>
</tr>
</tbody>
</table>

As the research enterprise of the University continues to grow, it may be necessary to provide additional return of ICR revenues generated to maintain SPA staffing at levels that can manage the growing workload. It is recognized that continual improvements in service levels within this organization is an ongoing aspiration. The resources needed to achieve this goal are a necessary investment for the successful research university. Development of specific performance measurement reports such as the status of proposals, awards, subcontracts, and material transfer agreements are ongoing using the increased data points now available through the EGMS internal system. Goals, such as expected time to process particular types of awards through SPA are being established. This information will be available to document resource issues in subsequent years.

**Office of Oversight, Analysis and Reporting (OAR):** One of the final conditions placed on the University by the National Institutes of Health (NIH), before they would remove the University’s “exceptional” designation, was the established functionality of the Office of Oversight, Analysis and Reporting. This office was created in FY00 with a new allocation of central O&M funds under the grants management umbrella. The University’s report convinced the NIH that this office was starting to provide the oversight that the agency felt was necessary. Therefore, effective February 7, 2001, the NIH exceptional designation was lifted. However, it was made clear that continued implementation of the sponsored project management model, that includes effective OAR services, is imperative for NIH to maintain comfort with their decision in this regard.
The momentum that has been evident over the past few years cannot be allowed to diminish or the University of Minnesota will risk potential exposure again in the future.

The mission of this office is to promote compliance awareness in sponsored projects management within the University through assistance, education, and communication. The OAR office provides managerial information to units and helps them understand the potential risks that exist within their sponsored programs. A recent analysis has shown that there are about 250 units, i.e., colleges, departments and centers, which must be reviewed. In addition, the unit maintains and communicates current knowledge of federal, state, and University policies related to research; monitors the effectiveness of grants management tools and processes; administers the Certified Approver Program. Twice annually a status report regarding OAR activities is presented to senior management detailing the office’s achievements. For example, as of June 30, 2003, 40% of the units receiving over 80% of the sponsored funding awards at the University have undergone an internal risk assessment process. Also, there are now 143 Certified Approvers in place participating in a very active continuing education program. Monthly University-wide exception reports have highlighted areas that need attention. Another example is the identification of the need for University-wide policies and procedures regarding fixed price accounts. This information is currently under development.

**Electronic Research Administration:** The University of Minnesota is recognized as a national leader in the application of automated electronic solutions to the myriad of business challenges inherent in the management of a large, diverse, and de-centralized research enterprise. This office was instrumental in the development of Financial Reports on the Web as well as the Financial Forms Nirvana (FFN) document routing system. These assets have become integral tools in the day-to-day financial management of sponsored projects as well as non-sponsored financial activity across the University system.

The Electronic Grants Management System (EGMS) is a University-developed database and forms routing system that guides research staff through the preparation and electronic routing of sponsored grant proposals to a variety of different funding agencies. Although no longer “new” to the University research community, EGMS is already undergoing a major redesign to enhance its effectiveness. As previously mentioned, an internal variation of this system is also being implemented within SPA. Internal EGMS (EGMSi) will allow SPA staff to manage successful awards more efficiently. Hand procedures will be automated and the establishment of sponsored CUFFS accounts will be accelerated. Improved functionality will include the ability to provide a Notice of Program Income (NOPI), Pre-award/Advance Account, and the ability to handle multiple budgets for one award. Numerous shadow systems within SPA are being eliminated and a comprehensive training program has been developed. An automated tracking system is under development that will allow investigators to keep track of the status their grant application in the queue. It is the position of this office that the proposed purchase of the PeopleSoft financial system will not replace the need for the EGMS application.

The federally mandated process of effort certification on sponsored projects is under review. The manual nature of this procedure currently involves the hand processing of more than 8,000 cards across the University. The estimated cost of this work approaches $2 million per year. With existing resources an effort is underway within this office to establish an on-line effort system with intended outcomes that include clarified business procedures, effective training, and a significant reduction in the current administrative investment required for this activity.

The Report of External Professional Activities (REPA) form has been automated and is being continually improved. More than 8,000 employees within the University must complete this form each year in order to comply with existing University policy concerning reporting of potential financial and business conflict of interest. Moving this process from a paper system to an on-line environment is intended to make the procedure easier for individuals to report potential conflict, while also streamlining the administrative burden for assuring uniform compliance with this important review. The costs of this electronic enhancement have exceeded $240,000 in the last fiscal year. Previous years during the AREPA phase also cost in the hundreds of thousands of dollars. No funds were ever budgeted for this challenge; it was an unfunded mandate. As we anticipate projects of this
nature in the future, such as the ARMER form for select substances, we will require at least an additional $200,000 on a recurring basis to complete, enhance and maintain these and other compliance-related enhancements.

Of recent note, a one-time $250,000 NIH grant has been received. These external funds will be used towards a better integration of existing compliance databases, but will not cover all costs associated with the project. These changes will enhance the experience that individual research staff will have with these areas as well as better manage the University’s considerable exposure to compliance risks.

**Patents & Technology Marketing:** PTM continues to aggressively promote the transfer of University technology into the marketplace, including expanding staff and capabilities, increasing the role for local business leaders to advise through Technology Evaluation Councils, and exploring Web based means to better serve Minnesota businesses. A record of activity of this unit is reflected in the following information that reflects unprecedented growth because of the success of Carbovir and Net Perceptions:

<table>
<thead>
<tr>
<th></th>
<th>FY98</th>
<th>FY99</th>
<th>FY00</th>
<th>FY01</th>
<th>FY02</th>
</tr>
</thead>
<tbody>
<tr>
<td>Disclosures</td>
<td>144</td>
<td>219</td>
<td>218</td>
<td>229</td>
<td>237</td>
</tr>
<tr>
<td>New US Patents Filed</td>
<td>44</td>
<td>57</td>
<td>76</td>
<td>86</td>
<td>89</td>
</tr>
<tr>
<td>US Patents Issued</td>
<td>40</td>
<td>54</td>
<td>67</td>
<td>37</td>
<td>38</td>
</tr>
<tr>
<td>New Licenses</td>
<td>76</td>
<td>72</td>
<td>90</td>
<td>77</td>
<td>65</td>
</tr>
<tr>
<td>Start-ups Licensed</td>
<td>7</td>
<td>5</td>
<td>12</td>
<td>11</td>
<td>6</td>
</tr>
<tr>
<td>Total Active Licenses</td>
<td>344</td>
<td>391</td>
<td>447</td>
<td>486</td>
<td>514</td>
</tr>
<tr>
<td>Gross Royalties &amp; Fees</td>
<td>$5.3M</td>
<td>$7.3M</td>
<td>$23.1M</td>
<td>$16.8M</td>
<td>$26.5M</td>
</tr>
<tr>
<td>Cost Reimbursement</td>
<td>$0.9</td>
<td>$1.1M</td>
<td>$1.3M</td>
<td>$1.1M</td>
<td>$1.1M</td>
</tr>
</tbody>
</table>

PTM is experiencing budget challenges. The current budget shortfall has been solved by reverting endowment investments from the Net Perceptions stock sale into cash that will fund FY03 operations. Acting Assistant Vice President Strauss is developing a plan that will review existing expenditures for reductions as well as focus on additional sources of revenue to alleviate this serious concern. An external review of PTM is planned for FY04, and we are working with the Office of the General Counsel to maximize the return on our legal costs associated with patent prosecution.

2. **SAFEGUARDING THE RESEARCH ENVIRONMENT:**

**Office of Regulatory Affairs (ORA):** In FY04 the ORA function will be transferred from the Academic Health Center to the Office of the Vice President for Research. A total of $258,773 in recurring O&M funds will be transferred from TAHS to TRES to provide base funding for this change. It should be noted that in FY03 the recurring amount was $284,074; the reductions were due to the budget problems at the University. This situation does not change the fact that this office plays a crucial role in the University and the office must be fully staffed in order for us to not get caught in regulatory problems at the state and federal levels. We anticipate a need for additional funds to make up the reductions and will be evaluating this arrangement during FY04. A source of potential funds for research compliance costs the University must provide would be an increase in the clinical trials F&A rate from the current 23% to 26%. This change is being evaluated at the present time with no recommendation for a change in FY04. Also, negotiations are ongoing with the Fairview Health System about a cost sharing arrangement that may help reimburse expenses for mandated compliance services.

**Research Subjects Protection Program (RSPP):** During FY04 the RSPP will submit documentation that should lead to accreditation of the Institutional Review Board (IRB) and the Institutional Animal Care and Use Committee (IACUC) functions of the office. These accreditation processes are an added burden to an already fully committed staff, and will require identification of accreditation fees; $38,000 in a one-time expense in FY04 and $15,000 in recurring costs for FY04 and beyond.

Effectiveness of the IRB function has recently been assessed by a survey sent to all faculty, staff and students who have used the IRB. Over 800 respondents gave an overwhelming endorsement of the office.
In FY04, the Assistant Vice President for Regulatory Affairs will assume formal authority for oversight of the RSPP functions.

**Institutional Bio Safety Committee (IBC)**

Considerable national attention has been focused on the IBC function with recent innovations in gene transfer research and concerns for safety and security of biological toxins.

At the University of Minnesota there is an administrative disconnect between the IBC and the Office of the Vice President for Research. In the Board Of Regents’ Policy on “Research Involving Recombinant DNA and Hazardous Biological Materials” the Vice President for Research appoints the IBC and the policy charges the Vice President for Research with oversight and implementation of the policy which assures compliance with federal and state regulations for the protection of research subjects, researchers, and the wider community with respect to the use of potentially hazardous agents in research.

The oversight and administration of the IBC has been housed within the Environmental Health and Safety division of the University. To assure full coordination of effort, compliance and enhanced oversight, the IBC administrative functions and attendant financial resources should be shifted to report under the Vice President for Research. This issue needs consensus among all parties and will likely not be implemented until FY05.

The goal of this reorganization is a proactive and integrated research compliance system that encompasses all aspects of research regulatory compliance through direct liaison with all research compliance committees and entities. This change will coordinate all research compliance activities under a single administrative hub with direct reporting to the Vice President for Research with dotted line reporting to the Senior Vice President for Health Sciences.

**Occupational Health and Safety:**

Related to IBC issues and key to accreditation of the programs, is enhancement of the occupational health and safety program. Long an adjunct to the IACUC process, and loosely coordinated through Boynton Health Service, is the animal related occupational health and safety program. Enhancements are essential in human and animal research areas with a coordinated program integrating IBC/IACUC/IRB related issues.

- Oversight
- Education
- Administration
- Inspection and response

Although not formally a responsibility of the Vice President for Research, in order to integrate research compliance fully, this program should have a reporting relationship with the Office of the Vice President for Research.

**Interface with the Office of Institutional Compliance:** This newly-established office occupies space in Johnston Hall adjacent to the Office of the Vice President for Research. Although there is no formal relationship between the two offices, informal day-to-day interactions occur and are very beneficial for the overall operational compliance function of our office.

**Responsible Conduct of Research and Research Ethics:** This program began initial offerings of educational curriculum relevant to University faculty and staff in February of 2000. Since that time more than 5,000 individuals have participated. The Part 1 workshop has now been adapted to a variety of more discipline specific versions while work on developing an on-line version of Part 2 is progressing. The program has recently achieved membership in the Collaborative IRB Training Initiative (CITI) thereby adding a third on-line option for instruction in protecting human subjects. The RCR database has been seamlessly converted to the HRMS training module within PeopleSoft. The HRMS registration system, including self-reporting functionality, has also been implemented.

**3. MAINTAINING THE INFRASTRUCTURE:**

**Indirect Cost Analysis Study:** The last rate negotiation with federal sponsors of research was completed in 1999 and the University’s facilities
and administrative cost reimbursement rate (commonly known as ICR) was negotiated from 47% to 48% for FY00 research awards and 48.5% for research grants awarded from FY01 through FY03. Each 1% change in this rate is estimated to represent approximately $1.3 million in new revenue to the University’s research infrastructure each year. The University’s increase in its F&A rate is especially noteworthy given that peer institutions across the country have been awarded reduced rates at this time. The following is a history of this negotiated rate for on-campus research at the University of Minnesota:

<table>
<thead>
<tr>
<th>FY99</th>
<th>FY98-99</th>
<th>FY97-98</th>
<th>FY96-99</th>
<th>FY95-96</th>
<th>FY94-95</th>
<th>FY93-94</th>
<th>FY92-93</th>
<th>FY91-92</th>
<th>FY90-91</th>
<th>FY89</th>
</tr>
</thead>
<tbody>
<tr>
<td>43%</td>
<td>44%</td>
<td>40%</td>
<td>45%</td>
<td>47%</td>
<td>48%</td>
<td>48.5%</td>
<td></td>
<td></td>
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</table>

Sponsored Projects Administration analysis of the indirect cost recovery based on the Facilities and Administrative (F & A) cost rates shows that these rates, along with the increase in sponsored project funding, have generated increases in revenue far beyond expectations. For the four years ending with the FY99 before the new rate was negotiated, the revenues showed an average increase of 4.24%. For FY00 and FY01 the revenue jumped up by nearly 12% and 13%, respectively. For fiscal year 2002, the revenue received was $82.7 million, a 14% increase over FY01. Clearly, the increase in our F & A rate has contributed to this increase in revenue. An accurate cost study that will justify, maintain, and potentially increase our F&A rate is in the best interest of the University.

We are in the process of preparing a F&A rate proposal in order to negotiate a new rate with Department of Health and Human Services (DHHS). In addition, for the 1st time in eight years, DHHS will also be reviewing the University’s fringe benefit rates as part of this analysis. An oversight committee with broad University representation has been charged with overseeing this process. This rate proposal marks the first use of more University resources as opposed to hiring external consultants to assist with preparation of the rate proposal. Two analysts have been hired within SPA and their work is well underway. A recurring allocation of $161,590 will be required to maintain these positions within SPA. There will continue to be a need for some external assistance to provide a high level review of our work and to lead the negotiations with the DHHS auditors in arriving at agreed upon rates for the future. An estimated one-time investment of $310,000 for FY04 will be needed to secure these services.

**Royalty Income:** The Vice President for Research oversees a large income stream generated by royalty licensing agreements for Professor Robert Vince’s discovery of Carbovir. From inception in FY00 through the present fiscal year, the University’s share of this income has exceeded $24M. The majority of these funds have been channeled into a new endowment, The 21st Century Fellowship Fund. The earnings from this permanent investment are used to match income from external gift funds being endowed across colleges for graduate student fellowship support. An investment goal of $45M will provide a legacy of matching funds exceeding $2M per year to support ongoing graduate student fellowships throughout the University.

A second endowment, the 21st Century Strategic Research Fund, will be established in FY04. Additional investments are planned in the University’s existing research infrastructure, in the stimulation of new research activities, and in the commercialization of University technology through a proposed Office of Business Development.

**Maintaining Infrastructure Growth:** The University’s research enterprise has experienced unprecedented growth in proposal and award volume in the last several years. Although federal NIH research budgets are not likely to continue doubling each year; as they have in the recent past, indications point to a trend of continued external investments in research in the long term. Should this occur at a time that O&M funding for the University stagnates or declines a mechanism of funding the University’s central research infrastructure costs from F&A income needs to be developed.

**Grant Match Pool:** This unit oversees central resources of $2.4 million that are leveraged with departmental and collegiate funds to assist researchers in competing for externally sponsored research grants. The dollars are invested in multi-year commitments across the University in areas where matching funds are required or where their availability will provide a competitive advantage for University proposals. This internal
investment requirement is an increasingly common requirement for federal funding agencies, especially the National Science Foundation. While normal procedures require an over-commitment of these funds each year to meet University-wide demand, existing resources have been adequate for the past several years. However, with the continued dramatic growth in the University’s sponsored funding activities it is anticipated that investments in FY03 will likely exceed available resources. It has been agreed that an additional $200,000 for this endeavor will be provided to this office from the Provost in FY03. It would be prudent to make this allocation a recurring investment as this amount of funding is likely to be needed in FY04 and beyond.

4. OUTREACH:

Federal Demonstration Project (FDP): In the fall of 2002 the University joined this cooperative initiative among federal agencies and institutional recipients of federal research funds. There are currently 94 major universities, 10 federal agencies, and a host of professional organizations in this project. The intent is to increase research productivity by streamlining the administrative processes and minimizing the administrative burden on principal investigators, while maintaining effective stewardship of federal resources. The University will have the opportunity to participate in a variety of demonstrations and task forces as well as be a partner in testing new initiatives. Significant advances in the effective application of electronic research administration tools have been an outcome of this project. The University of Minnesota is a world leader in this field. Our participation in FDP will be an important forum to focus on achievements as well as continual improvements in this arena.

In addition, our participation in numerous other associations related to grants management, such as the Council on Governmental Relations (COGR), the National Council of University Research Administrator (NCURRA) and the Committee on Institutional Cooperation (CIC), is an important outreach for the University of Minnesota. Sharing our experiences over the past decade, and the growth and improvements that have resulted from our efforts, provides tangible benefits to our colleagues around the country. We are recognized as a national leader in research compliance, sponsored project management and electronic research administration.

5. DIVERSITY: The Vice President and senior administrators of this unit are committed to the University’s goals of equal opportunity and affirmative action in hiring and procurement.

Summary: This office will continue to champion issues that impact the research mission of the University of Minnesota. Stabilizing staff levels and quality services within SPA and OAR are central concerns. The office of the Vice President for Research will continue to formulate electronic research administration enhancements across the University while also integrating research compliance functions. Federal research interactions will be broadened. Technology transfer efforts within PTM will continue to be a priority. The PTM operating budget must be balanced. Communicating the importance of the research university, especially the outstanding record of success of Minnesota faculty and students, to broad public constituency will be another important concentration.

C. New Long-Term Goals/Priorities

- Improve service levels.
- Champion electronic research administration enhancements.
- Broaden federal research interactions.
- Enhance technology transfer efforts.
- Review research policy and infrastructure issues.
- Improve communications.

D. Enrollment Management: The VPR does not enroll students.

E. Facilities Issues: Space needs for the OAR office have been solved by converting existing conference rooms into office space. Any future growth of the office will be limited by the lack of additional space within Johnston Hall.

F. Financial Issues:
1. **Tuition** - The VPR collects no tuition income.

2. **ICR** – The VPR does not oversee research centers that generate ICR (F&A) income.

3. **Fees** – We are proposing to increase the IRB review fee for 3rd party research projects from $1,000 to $2,000 in FY04 to more adequately recoup the costs of this work. There are typically less than 10 of these reviews conducted per year.

4. **Funds** – Recurring funds in the amount of $576,590 have been requested in this compact: $200,000 for ongoing electronic research administration development and maintenance costs, $200,000 in grant match funds, $161,590 for 2 FTE staffing in SPA for the F&A rate analysis project, and $15,000 for ongoing IRB accreditation costs. An additional need for $348,000 in one-time funding has been identified: $38,000 for the costs of completing national accreditation for the University’s RSPP and $310,000 for consulting costs anticipated in the upcoming F&A rate negotiations.

G. **Compact Development:**

H. **Data Profile:**

For a display of planning data related to the Office of the Vice President for Research and Dean of the Graduate School, refer to a link off the University web site managed by the Office of Institutional Research and Reporting at [http://www.irr.umn.edu](http://www.irr.umn.edu). This site contains standard financial, staffing and student information.

I. **Reports Summary:**

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### Historical Allocation Summary

**FY2000 through 2003 Compact Investments**

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<thead>
<tr>
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<tbody>
<tr>
<td>Grants Management</td>
<td>1,109,200 R</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grants Management</td>
<td>1,589,000 NR</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Commercialization of Tech.</td>
<td>500,000 R</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>ICR Rate Consultants</td>
<td>231,500 NR</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grants Management</td>
<td></td>
<td>443,086 R</td>
<td></td>
<td>200,000 R</td>
</tr>
<tr>
<td>Grant Match Pool</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(in EVPP office)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>3,429,700</td>
<td>0</td>
<td>443,086 R</td>
<td>200,000 R</td>
</tr>
</tbody>
</table>

Note: The VPR received no compact investments in FY1999.

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### Allocation Summary

**2003-04 Compact Investments**

<table>
<thead>
<tr>
<th></th>
<th>2004 Recurring</th>
<th>2004 Non-recurring</th>
<th>2004 Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Research subjects protection program accreditation</td>
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<td>$38,000</td>
<td></td>
</tr>
<tr>
<td>F&amp;A rate analysts (appears on 2004 allocation worksheet)</td>
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<td></td>
<td>$162,000</td>
</tr>
<tr>
<td>F&amp;A negotiation consultants (appears on 2004 allocation worksheet)</td>
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<td></td>
<td>$250,000</td>
</tr>
<tr>
<td>Electronic Research Administration</td>
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<td></td>
<td>$100,000</td>
</tr>
<tr>
<td><strong>Total</strong></td>
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<td>$388,000</td>
<td>$550,000</td>
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