Faculty Meeting
May 24, 2006


Also Present: Stacia Herold, Diane Hohnbaum, Janice Holstein, Robin Jeffers

Guests: Chancellor Michael V. Drake and Executive Vice Chancellor and Provost Michael R. Gottfredson

Call to Order and Dean’s Announcements: 11:30 – 11:40

Dean Alexopoulos discussed the School’s vision for growth (Slide Displayed):

Goals for Future

<table>
<thead>
<tr>
<th>2005-06</th>
<th>2015</th>
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<tbody>
<tr>
<td>101 Faculty</td>
<td>160+ Faculty</td>
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<tr>
<td>684 Graduate Students</td>
<td>1,000 Graduate Students</td>
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<tr>
<td>2,079 Undergraduate Students</td>
<td>3,000 Undergraduate Students</td>
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<td>8 National Academy Members</td>
<td>15 National Academy Members</td>
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<tr>
<td>$344K per Faculty per Year</td>
<td>$500K per Faculty per Year</td>
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<tr>
<td>$23M Endowment</td>
<td>$100M Endowment</td>
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<tr>
<td>Ranked #41 by US News</td>
<td>Ranked #25 or Better</td>
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<tr>
<td>Graduate 1 PhD per Faculty every 3 Yrs</td>
<td>Graduate 1 PhD per Faculty every 2 Yrs</td>
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<td>Begin Construction of Engineering III</td>
<td>Complete Two Additional Buildings</td>
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National Academy membership in the School consists of 4 current members (Professors Atluri, Shinozuka, Sirignano and Sorooshian, plus Dr. Wickramasinghe joining July 1, 2006, two distinguished adjunct faculty (Drs. Leibeck and Samue) and one joint faculty with HSSoE and the School of Physical Sciences (Professor Peter Rentzepis).

Academic Planning: In 2004-05 Professor Martha McCartney initiated a “bottoms up” approach for growth through several brainstorming exercises with Faculty. 2005-06 Vision for the Future Committee, Chaired by Professor Will Recker, builds on the Stubberud Committee recommendations and will become the basis for the School’s June 15th report to the Campus on the School’s vision for growth. Through a thorough
scientific analysis, the Vision Committee’s report thus far shows that the vision and the goals of the school “mesh”.

On behalf of himself and the Faculty, the Dean thanks the Chancellor and Executive Vice Chancellor and Provost for past support and expresses the hope for their continued support for the school in assisting us in achieving our goals. Dean Alexopoulos then turned the meeting over to the Chancellor.

**Chancellor Drake:** Congratulates the School on its progress and the trajectory it is on. Chancellor’s priority ranking differs slightly in that he states he is more concerned about quality than quantity:

- increasing research expenditures to $500K per faculty/year more important to him than perhaps the number of faculty in the school. It certainly is a measure of the creativity of the Faculty.
- increase in endowments reflects the leadership of the dean and faculty and their level of collaboration with community. We should strive to cultivate not only those who are in a position to support the school today but also those who may assist 10 – 20 years in the future. Endowment funds can be used to provide support for faculty in the future so increasing the level of endowment funding is a good goal.
- Student growth and graduate student growth – good goals

University Hills is one of the most special features of UCI. Quality and size of the UCI faculty achieved in such a short period of time perhaps unparalleled in any other place. UCI is often compared to UCSD but they had a 60 year head start. University Hills is an important component of this growth and proper build out is a campus goal. Further plans for build out of University Hills and the area surrounding the Chancellor’s House is an important component for continued growth as is mixed use housing, affordable housing and additional faculty housing within a 5 – 7 mile radius of campus.

Graduate Students – increase the number and the amount of funding available to support them. The UC System is working with the state legislature to make certain they understand the importance of this growth to the state. Lawmakers are more apt to receive calls from parents of undergraduates voicing concerns so they have a better understanding of the undergraduate experience but not really the grad experience. Many of our legislators are lawyers or had different training so we need to educate them – raise their awareness of the importance of graduate education. Their own personal experience may be very different – they may have sat in large lecture halls with little exposure to regular ranks faculty so they believe statements like “faculty do not teach”.

- Collaborations between faculty are important, Makes accomplishments greater and increases likelihood of discoveries. However he recognizes the tenure/merit issues related to interdisciplinary research and collaboration for faculty.
Scandals – Chancellor very disappointed however he allowed himself to spend a nano-second on the disappointment then needed to decide how to play the hand. How do you use what you have to move forward. The plus side is that because of the increased notoriety more people now know who we are so we now need to put a positive marketing campaign in place and string things together to put forth a positive message. Fund raising on campus is at an all time high and extramural funding on campus is up 22% The problems at the hospital present an opportunity to reset goals, etc.

The Chancellor expressed appreciation for the support he has been given since he joined UCI 11 months ago and turned the meeting over to the Executive Vice Chancellor and Provost.

**Executive Vice Chancellor and Provost:** The EVC stated that the university is doing extremely well. Contract and Grant activity is up and in fact has doubled in the past five years. UCI’s growth exceeds all other UC’s except UCLA.

Applications are up 11% while they are up 8% on the other campuses and we turned away 17,000 UC eligible applicants. Campus goal is to add 100 graduate students a year.

HSSoE continues to do extremely well and has done well in the last three FTE competitive rounds. HSSoE has received 32 additional faculty positions – more than any other unit, there has been a four-fold increase in block grant allocations to the school and a 3.5% increase in TA allocations. Space has not kept up with faculty growth however at least 50% of the space in Calit2 has been assigned to engineering faculty.

The budget for 2006-07 is firming up and the state funded portion of the capital plan for our campus and our school is an important component of that.

There remain three struggles: Graduate Student Support, Space, Faculty Lines.

He stated that he celebrates HSSoE because this school, more than others, takes an active role in senate leadership with faculty serving on CAP, the Planning and Budget Committee, etc.

Our goal to increase the size of our graduate student enrollments over the next few years to 1,000 will be challenging because of the support issue. It is difficult to support escalating tuition and fee costs on Contract and Grant funding so additional fund raising will need to take place for fellowships. The escalation of tees without corresponding state support results in a loss of competitiveness. We need to get out of the business of charging ourselves for non-resident students.

Space is the leading indicator of UCI’s development. We need a different debt model and more state support of our capital programs. To add two additional buildings in HSSoE would be a real stretch in our current situation. The campus has 5 – 7 years of planned growth resources left. We are entering a critical phase.
Affiliated faculty are a good idea if we could do it more efficiently but this is largely a UC matter. Adjunct faculty, faculty in residence, line faculty are currently evaluated by the same standards. The UC might think about different evaluation criteria for different types of faculty.

**General Discussion:**

**Ratio of undergraduate to graduate students:** It was pointed out that some universities such as Stanford have a 1:1 ratio. UCI tends to have a 3:1 ratio which may be good for some units on campus but is perhaps too high for engineering. When we increase the number of students admitted to engineering the quality seems to go down and that is evidenced most often in the students’ performance in lower division engineering courses. The Chancellor commented that he understand the 1:1 ratio from his own experience and realizes that a 3:1 ratio may not be optimal for some disciplines but feels this is a two sided coin – take people interested and polish them like diamonds in the rough.

**Out of State versus In State undergraduate students:** Could we increase the number of highly qualified out of state undergraduates we admit? There is great pressure by the Legislature to admit California students. We turned down 17,000 UC eligible students for 2006. Increasing the number of out of state students would increase this number.

**Space:** Some other schools on campus seem to have more space than HSSoE. State funding model is a unit adds additional students, then faculty then space follows. Engineering 3 should help alleviate some of the space constraints the school currently has and Calit2 “counts” since at least ½ of the space in the building is assigned to engineering faculty.

**Professor Sorooshian, Faculty Chair and Dean Alexopoulos thank the Chancellor and the Executive Vice Chancellor and Provost and the Meeting adjourned at 1:00 PM**

Respectfully submitted by R. Jayakrishnan, Faculty Secretary and Janice Holstein