



College Update Fall 2014

Ricardo B. Jacquez
Dean



Master's of Engineering Proposal Status

- Latest revision of proposal delivered to interim Graduate Dean Loui Reyes, 7/24/14.
- Dean Reyes will schedule Ed Pines to present to: Graduate Council, Associate Deans Academic Council, Academic Deans Council, and Faculty Senate.
- External (to NMSU) approvals required from: New Mexico Council of Graduate Deans, Higher Education Department, State Finance Committee. We hope to schedule the NM Council of Graduate Deans in parallel with the on-campus effort.



New Faculty Lines

Request to Provost for AY 2015-16:

- CE, tenure track, water research (match to NSF ERC), awarded
- IE, tenure track, entrepreneurship and economic development, (also an ABET issue), declined
- ET, college track, information/communication technology, declined
- CHME, tenure track, biochem, declined
- Capstone Design, college track, declined
- ECE, tenure track, computer engineering, declined

Faculty Search During AY 2014-15

- CE (1)
- ECE (2)

New Faculty for AY 2014-15

- ME – Sarada Kuravi



Equity and Merit Pay Increases

Faculty and Staff

- 1.5 percent merit pay increase allocated

Staff Raises

- Non-exempt staff, 1.5 percent across the board if performance meets expectations
- Exempt staff, merit determined by weighted performance formula

Faculty Raises

- Equity raises – second year of three-year process to adjust faculty salaries to 90 percent of median among peer institutions, College of Engineering factored in performance

Equity and Merit Pay Increases

Merit raises – a two-step process

- Step 1 – adjust salary of strong performing assistant professors hired 4-5 years ago who were behind salary of recent hires, last 1-2 years (18.3 percent of the salary pool)
- Step 2 – allocate balance of 1.5 percent pool to departments, faculty merit adjustments made according to performance: excellent, very good, good, fair (81.7 percent of the salary pool)

For 2015-16, complete the equity raise plan and work to adjust associate professor salaries as for assistant professors in 2014-15



Freshmen Year Experience

Implemented in fall 2014

- Eight sections of cohorts scheduled
 - 7 sections for Math 190 and above
 - One section for algebra-level math
 - Approximately 300 students enrolled
- Engineering 100 Instructors
 - Jeff Beasley, Gaby Cisneros, Ian Leslie, Peter Martin, Lambis Papelis, David Rockstraw, Steve Stochaj, Rolfe Sassenfeld
- Common curriculum:
 - Engineering 100, math, English 111, Chemistry 111, Elective (15 credits, Lottery eligible)



NMSU Admission Standards

Implemented in fall 2016

High school GPA increase from 2.50 to 2.75, or

- ACT 21
- SAT 990
- Top 20 percent of class

Other requirements

- Four years of English, including two years intensive writing
- Four years of math, Algebra II or higher



NMSU Admission Standards

Students not meeting the criteria will follow the “guaranteed pathway” through the NMSU community college system

College of Engineering

- To declare a major in engineering, the FTFT freshman must place into Math 190 or above



Request for Additional Graduate Assistant Support

Proposal to the graduate school requesting:

- An additional 17.5 Level II GA appointments
- \$308.3K

Purpose of additional GAs:

- Support (lower division) courses with high withdrawal-failure-repeat rates, supplemental instruction
- Offer more support and lab sections for once per year bottle-neck courses
- Support high-enrollment online courses
- Research assistants to support Ph.D. student recruitment, faculty startup

Request for Additional Graduate Student Support

Mandatory GA training

- “Start Strong” seminar by David Smith, Chemistry faculty
- Training dedicated to engineering GAs

Other academic policies to be discussed in AY 2014-15:

- Course repeat limits
- Admission criteria to the major



Student Technology Fee

Student tech fee implemented in AY 2014-15

- \$145 per full-time student, per semester
- Funds collected to date: \$206.6K (\$360.5K projected)

Priorities for allocation of tech fee:

- Student computer labs (60 percent)
- Current tech staff short on funding, Ken Ruble (20 percent)
- Department consumables (20 percent)

Report to Engineers' Council in early fall and post an accounting to the college web page

Jett Hall Renovation

NMSU received support of the state legislature to move the funding request forward

The General Obligation bond will be placed on the November ballot

- \$19.2 million for Jett Hall and Rentfrow Gym



Jett Hall Renovation

Jett Hall building committee established

- Ricardo Jacquez, Sonya Cooper, Ian Leslie, David Rockstraw, and others

NMSU and the College of Engineering will launch a campaign to build support for the General Obligation Bond

- Request support from Deans' Council to build support for bond across the state among engineering companies, national labs, engineering societies, public

President Carruthers has pledged to request the remainder of the building support during the 2015 legislative session, \$1.8 million