UNIVERSITY OF CALIFORNIA, MERCED

UC Merced Campus Briefing for University of California President-Designate Mark G. Yudof

March 29, 2008

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www.ucmerced.edu

UC Merced Planning within Regents' Planning Priorities

UC Long Range Planning Priorities
Sequenced to identify areas requiring essential strategic trade off discussion

Presented to the Committee on Long Range Planning at its meeting on January 15, 2008

1. Initiatives for adoption into routine University business

Academic quality	*Administrative and infrastructural effectiveness*	*Service to California*
Competitive faculty and staff salaries (1) Survey students' interests, etc and monitor educational outcomes (4)	Open budget process (17) Inclusive and open academic planning process (8) Streamline routine administrative processes (18)	Implement recommendations of Diversity Study Group (9) Adopt green building and sustainable business practices (16) Ensure Merced's continued success (new)

2. Initiatives requiring partnership and large-scale investment

Academic quality	*Administrative and infrastructural effectiveness*	*Service to California*
		Lasting solutions for CA K-12 (12) Telemedicine – health access (14) Grow academic preparation programs (11)

3. Initiatives requiring UC leadership and large-scale investment

Academic quality	*Administrative and infrastructural effectiveness*	*Service to California*
Enhance graduate student financial aid packages (2) Competitive student – faculty ratio (3) Academic infrastructure • libraries and instructional equipment (6) • research grid (7) • academic buildings (5)	Upgrade and extend physical infrastructure (5) Upgrade IT infrastructure – network and next generation data center (7) Common administrative systems of support (19)	Improve financial aid for undergraduates (10) Train more health care professionals (13) Invest in R&D addressing environmental challenges (15)

Special Focus on Initial Years of Development such as Task Force suggested by Regent Blum . . .

"Another area for more concerted planning and effort is ensuring the success of the Merced campus. This is above and beyond our continuing commitment to strengthen all campuses. We must be mindful of the special challenges in nurturing this new enterprise. I suggest we appoint a Regents task force to oversee the needs of this emerging campus and provide ongoing oversight." (August 21, 2007)

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UC Merced Planning Framework

Strategic Academic Plan

Enrollment Plan

Long Range Development Plan

University Community Plan
(UCLC)

City and County General Plan Updates

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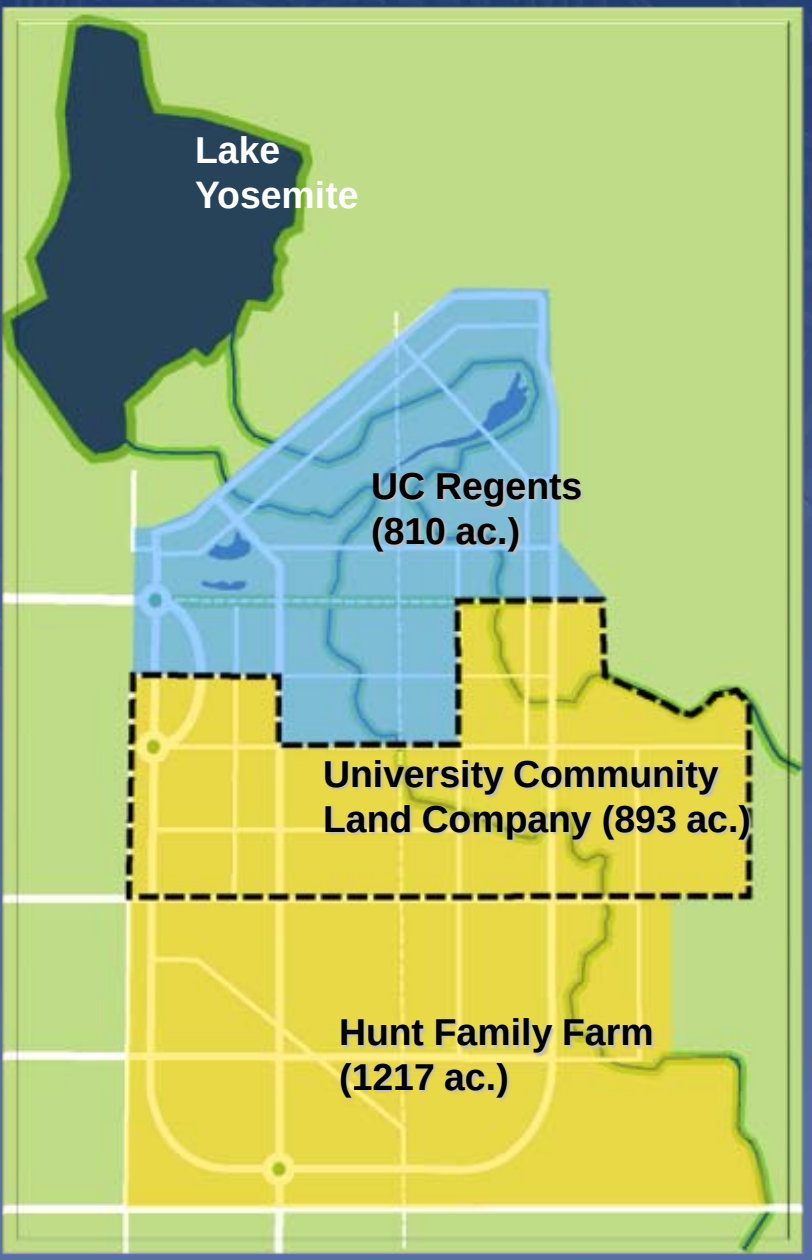

UC Merced Environmental Permitting

Revised U.S. Clean Water Act, Section 404 Permit Application Submitted February 2008

404 Permit Anticipated Spring 2009

Campus Long Range Development Plan and EIR/EIS revisions underway; Anticipated presentation to Regents in January 2009

University Community Plan and EIR revisions in process for presentation to County of Merced

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Success in Increasing Enrollment

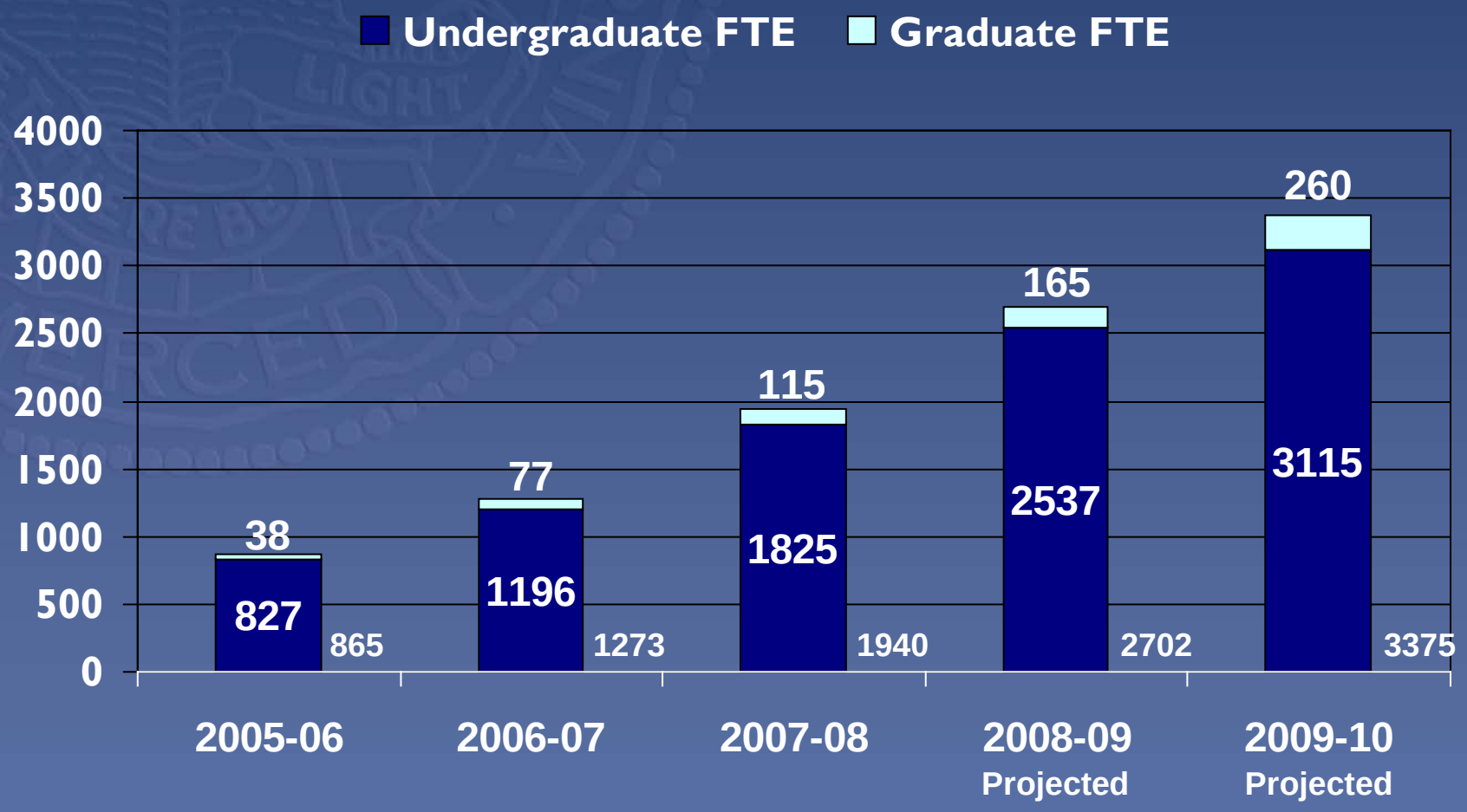
- Majors: 17; minors: 17; graduate programs: 9, offered by world-class faculty
- Student Life –

  Sports – archery, baseball, basketball, dodge ball, flag football, lacrosse, soccer, softball, tennis, volleyball

  Student clubs – academic, cultural, special interest, wellness, community service

  Yablokoff-Wallace Dining Center expansion
- 92.8% would recommend living on campus
- Outreach to San Joaquin Valley and beyond

Growth of Enrollment at UC Merced



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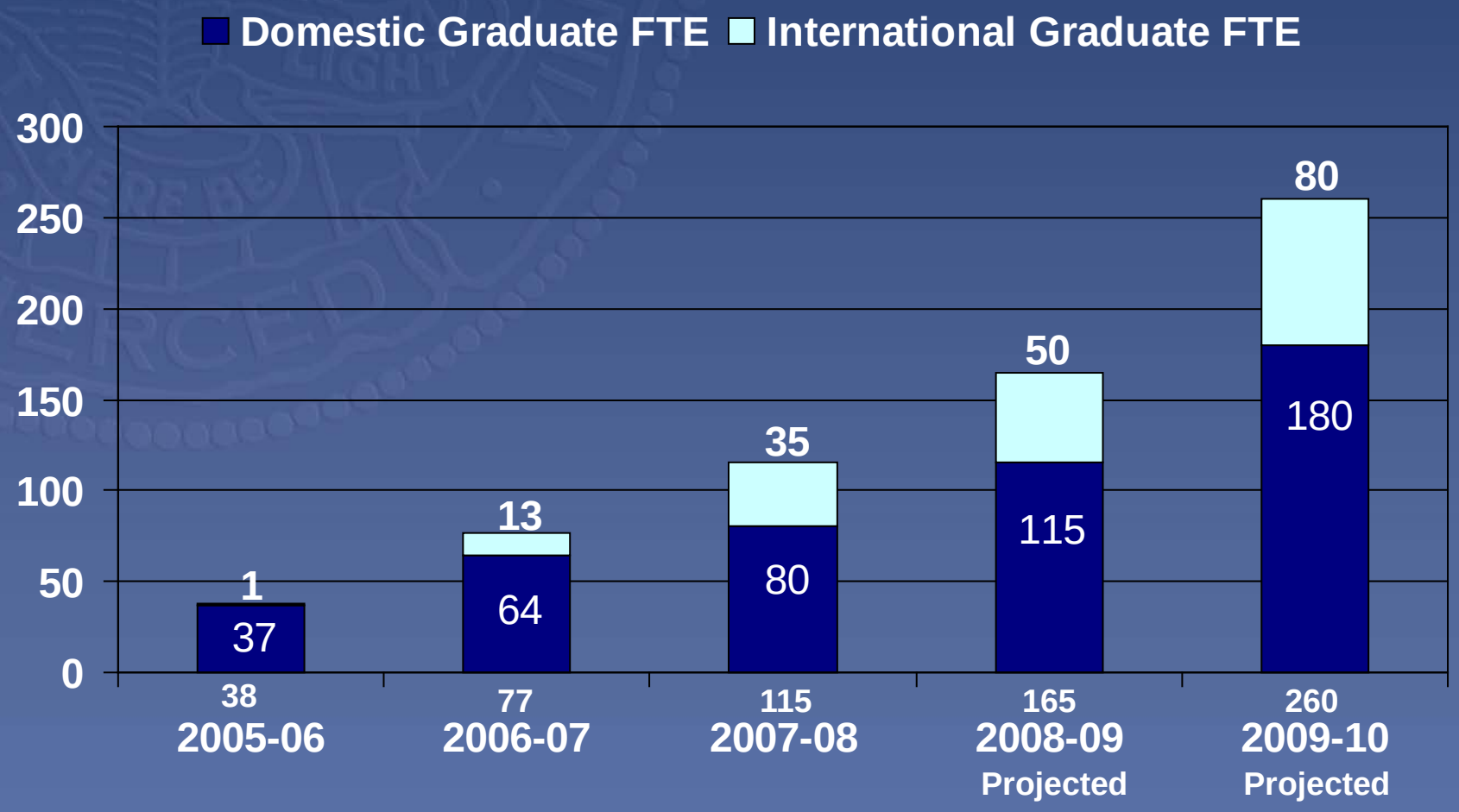
Growth of Domestic and International Graduate Enrollment at UC Merced



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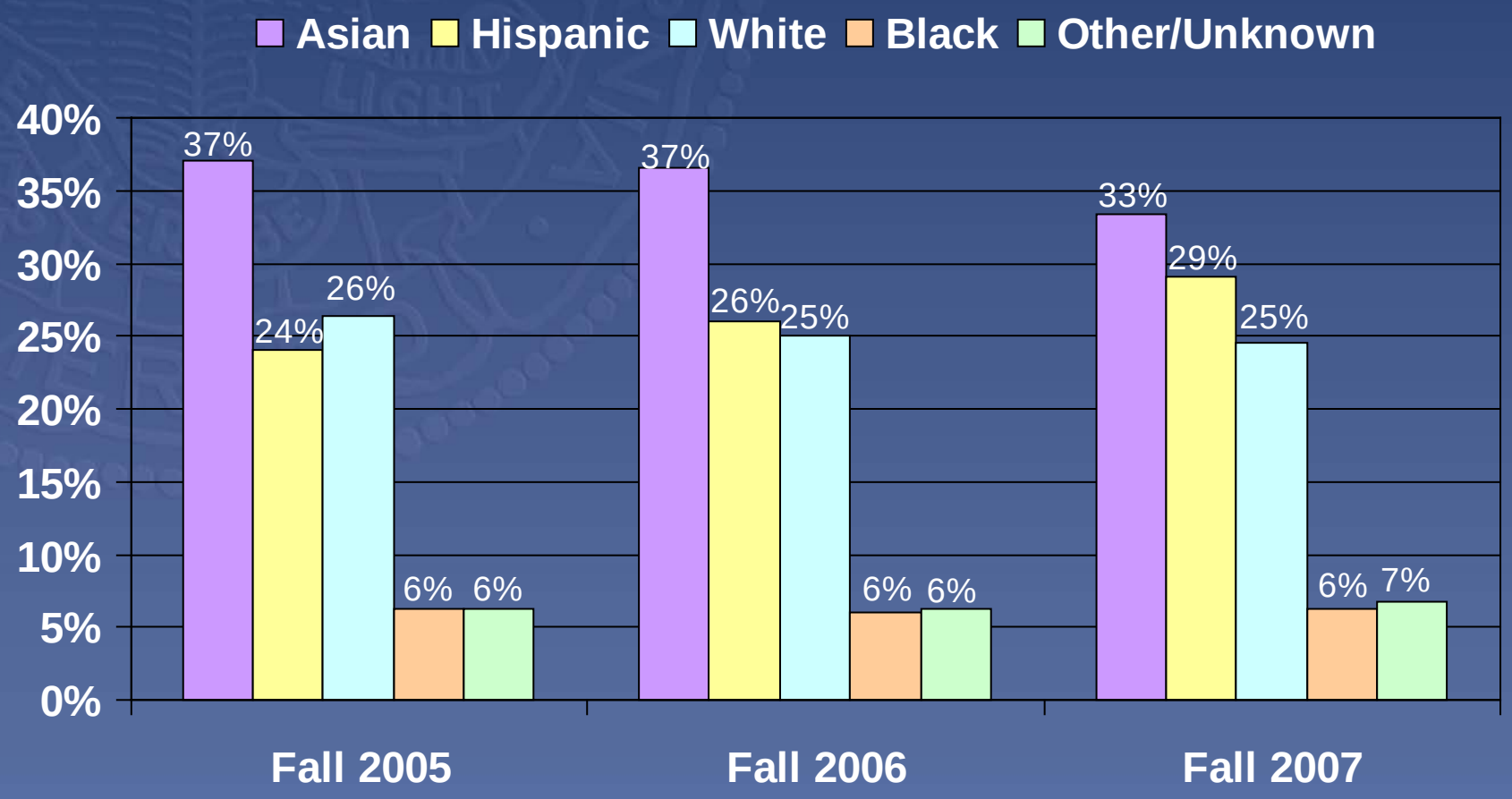
Undergraduate Ethnic Diversity at UC Merced



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UC Merced Serves All of California

Geographic Origins of Fall 2007 UC Merced Undergraduates

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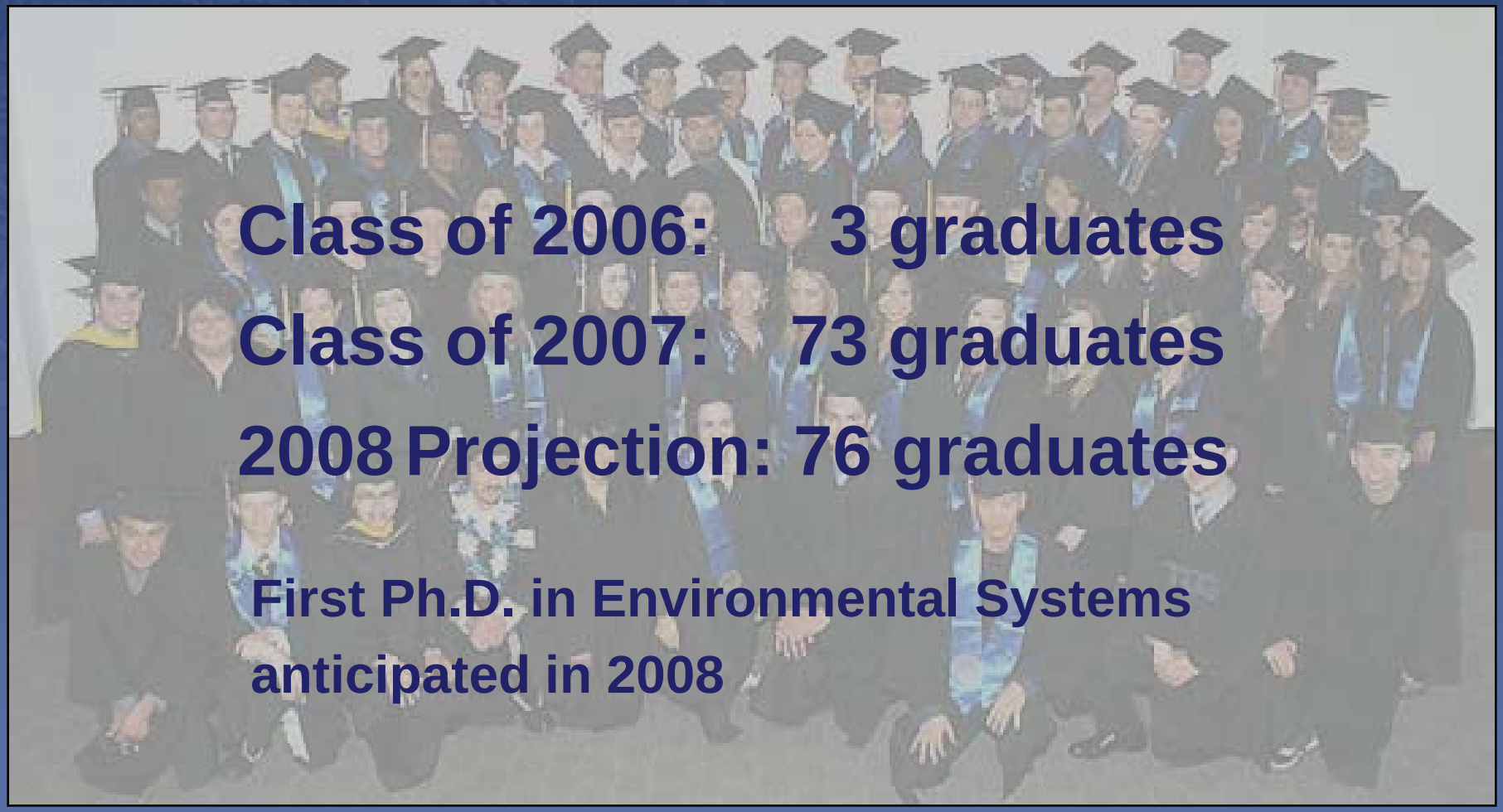
Our Growing Alumni



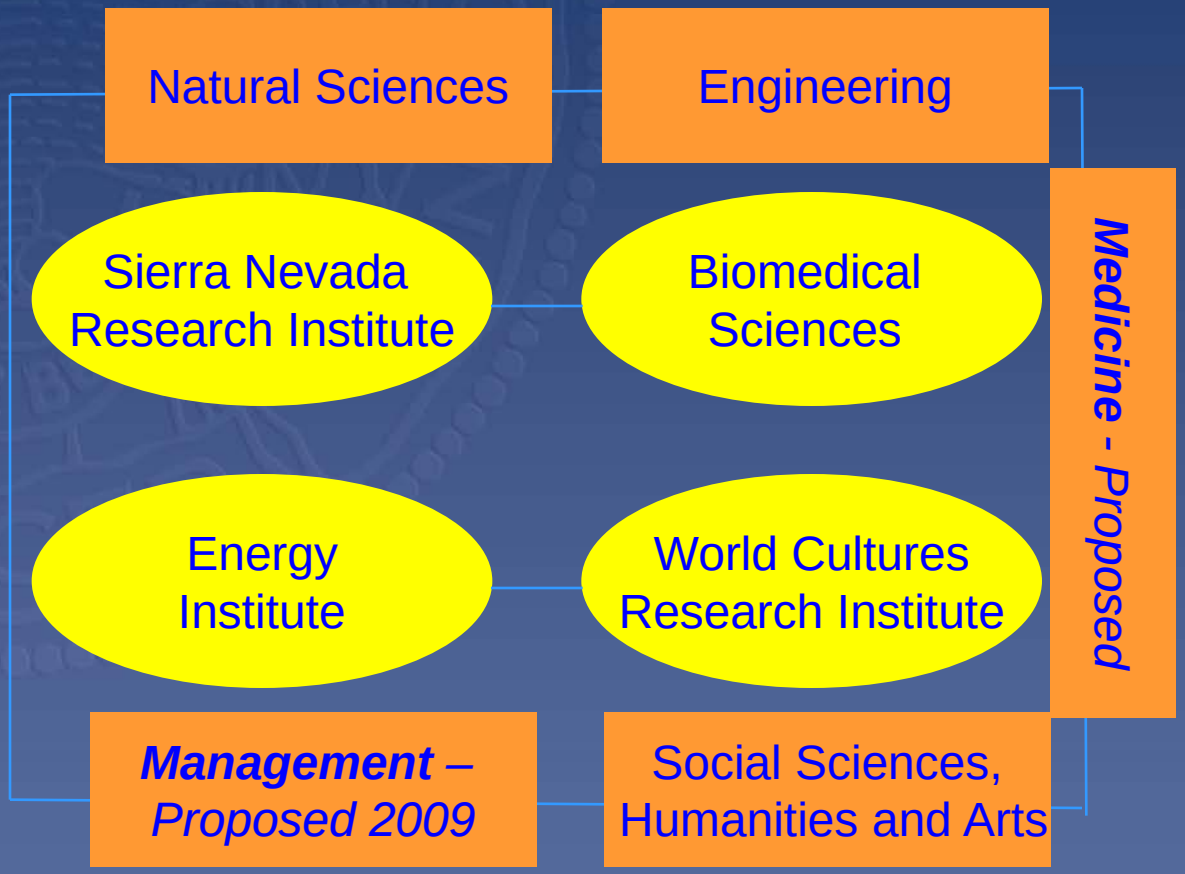
Class of 2006: 3 graduates

Class of 2007: 73 graduates

2008 Projection: 76 graduates

First Ph.D. in Environmental Systems anticipated in 2008

Current Academic Structure of UC Merced



UC Merced Leverages its Interdisciplinary Collaborations

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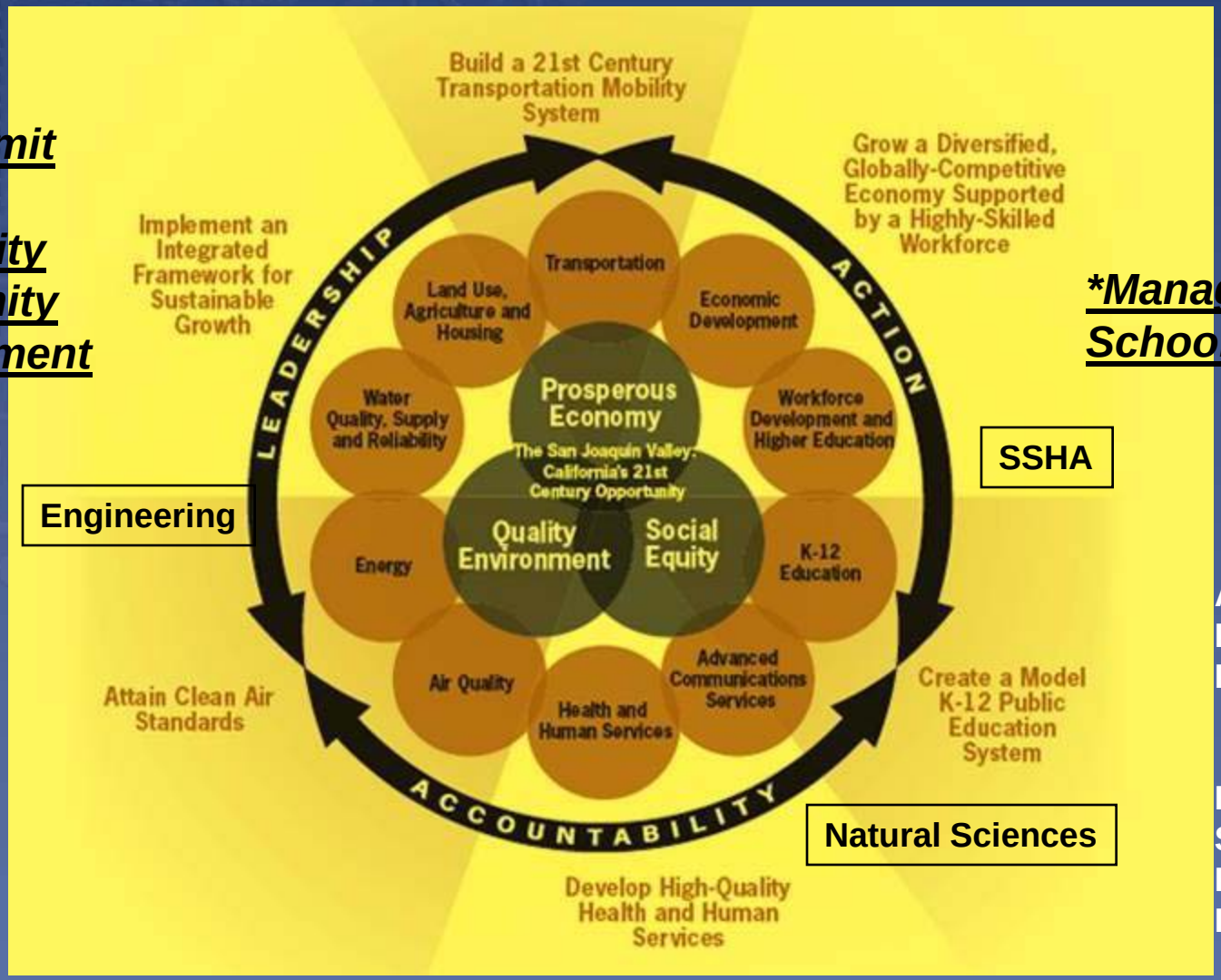
UC Merced Academic Programs Intersect California Partnership for San Joaquin Valley Initiatives

404 Permit

University Community Development (UCLC)



Management School (2009)

SSHA

Engineering

Natural Sciences

Merced Energy Research Institute

Sierra Nevada Research Institute

Academic Preparation Program

Biomedical Sciences Research Institute

Medical School (2013)

Telemedicine

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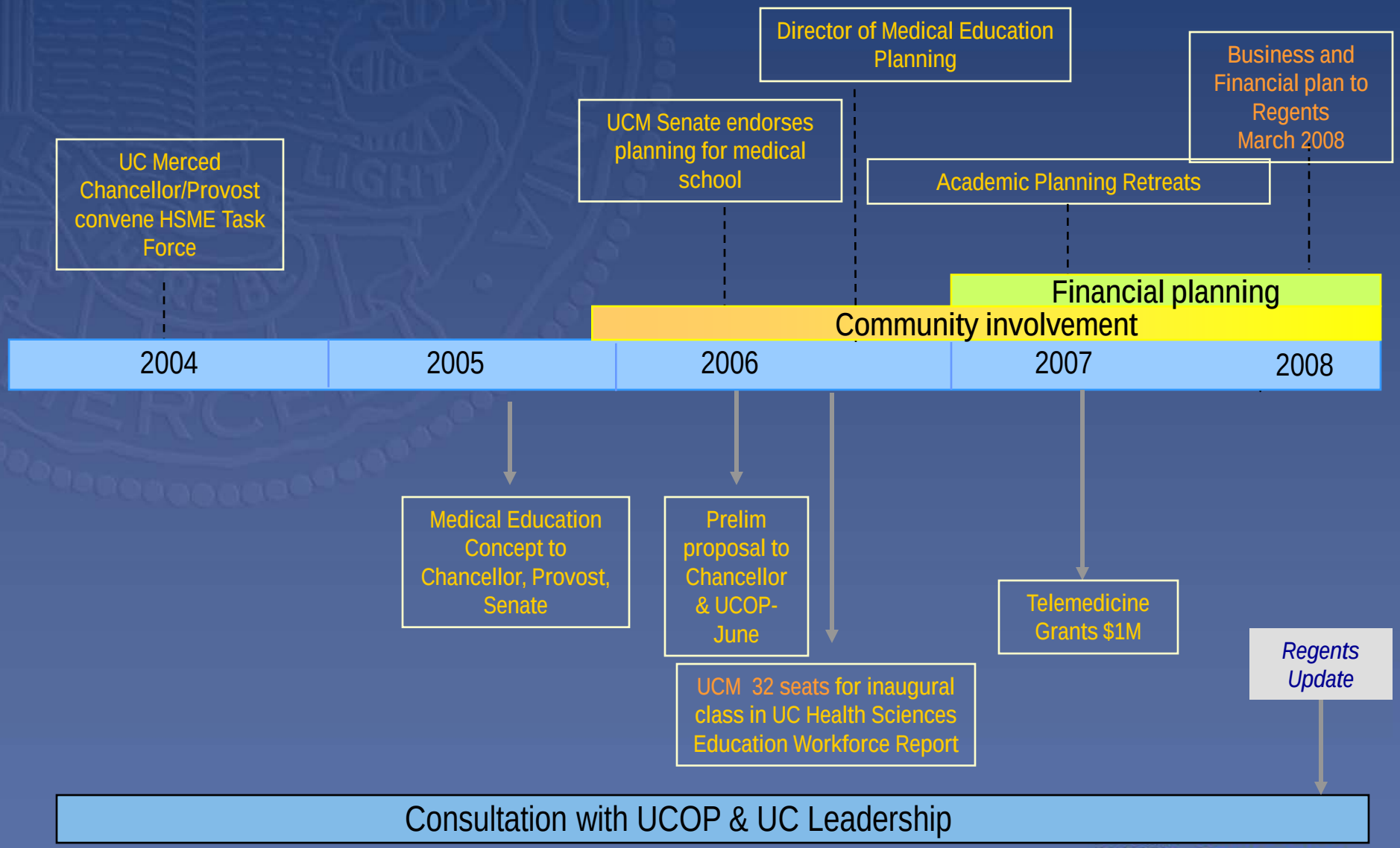
Timeline for UC Merced Medical School



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Support for UC Merced Medical School

Organizations and Societies

- California Medical Society
- Central Valley Health Policy Institute
- Central Valley Higher Education Consortium
- Fresno Business Council
- Fresno-Madera Medical Society
- Hospital Council of Northern and Central California
- Latino Legacy Project/Center for Multicultural Cooperation
- Merced-Mariposa Medical Society
- San Joaquin Valley Association of California Counties
- San Joaquin County Medical Society

Valley Legislators

Valley Congressional Delegation

San Joaquin Valley Counties & Cities

- Fresno County
- Kern County
- Kings County
- Madera County
- Mariposa County
- Merced County
- Stanislaus County
- Tulare County
- City of Clovis
- City of Visalia

Media

- Bakersfield Californian
- Fresno Bee
- Modesto Bee
- Merced Sun-Star
- The Record

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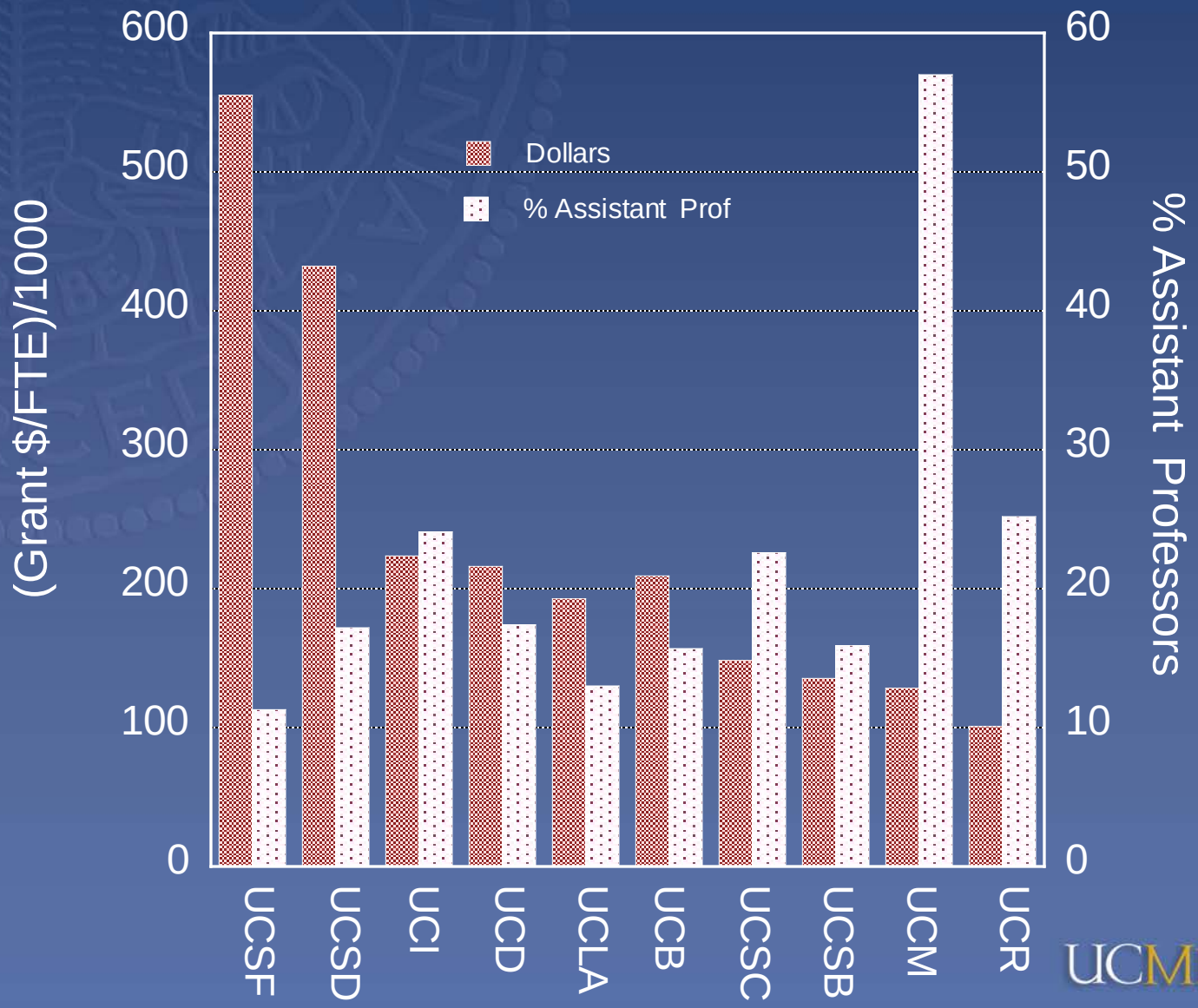
Extramural Grant Dollars per Faculty FTE
(FY 2005-2006)



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Selected Research Accomplishments of UCM Faculty 2007-08

Presidential Early Career Award
Assistant Professor Shawn Newsam, Engineering

CIRM **Young Investigator Award**
Assistant Professor Jennifer Manilay, Biology

NSF Career Award
Assistant Professor Kevin Mitchell, Physics

DARPA Young Investigator Career Award
Jay Sharping, Physics

NSF REU site award
Assistant Professor Benoit Dayrat, Biology & Environmental Systems

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UC Merced Research Awards

Fiscal Year	Amount
7/07 through 1/08:	$ 9.1M
2007:	$12.2M
2006:	$ 7.6M
2005:	$ 8.6M
2004:	$ 6.3M
Total to date:	$43.8M

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Merced Energy Research Institute (MERI)

Professor Roland Winston

… is currently being prototyped and tested in two design versions by SolFocus.

Gen-1
(air-filled version;
1 cm^2 cells)

Gen-2
(solid version; 1 mm^2 cells)

The day before classes open September 2005, my first visitor
"You are the University of Chicago Professor with the solar energy inventions"

Technology Transfer

- **License to SolFOCUS**
- **$2M NIO Lab**

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WASC Accreditation Process
Next Steps

August 2008 - Submission of Letter of Intent for Initial Accreditation

July 2009 - Capacity and Preparatory Report

Fall 2009 - Capacity and Preparatory Review Site Visit

November 2010 0 Educational Effectiveness Report

Fall 2010 - Educational Effectiveness Review Site Visit

June 2011 - Initial Accreditation Decision Expected

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Private Support Comparison

Fiscal Year to Date
July 1, 2007 to March 10, 2008

Fiscal Year 2007-2008			
Type	**Amount**	**Regents Convention Total**	**CAE Convention Total**
Pledges	$1,202,929.26	$6,830,839.07	
Outright Gifts	$5,627,909.81		$9,493,357.77
Pledge Payments	$3,865,447.96		

Fiscal Year 2006-2007			
Type	**Amount**	**Regents Convention Total**	**CAE Convention Total**
Pledges	$85,617.26	$1,937,521.33	
Outright Gifts	$1,851,904.07		$4,268,093.74
Pledge Payments	$2,416,189.67		

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Total Private Giving 1999-2008

Gifts and Pledges: $71,411,047.32

Outright Gifts and Pledge Payments (Cash): $62,361,037.93

	FY 2006-07	FY 2007-08	% Increase from FY 2006-07 to FY 2007-08
Number of Gifts (all Types)	828	954	15.2%
Money in the Door (CAE Method)	$4,268,093.74	$9,493,357.77	122.4%
Money in the Door (Regents Method)	$1,937,521.33	$6,830,839.07	252.6%
*Outright Gifts for Financial Aid	$58,661.75	$175,861.86	199.8%
*Outright Gifts for Financial Aid (# Gifts)	78	306	3

*excludes pledges and pledge payments

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Energy & Sustainability Leadership

UC Merced is a world leader in sustainability development

- LEED* Gold Medal for Central Plant, Library and Classroom and Office Building
- LEED Silver for Valley Terraces and Dining Complex
- LEED Gold for Science and Engineering Building
  - June 2008
- LEED Gold for Recreation and Wellness Center
  - July 2008
- LEED Gold for Sierra Terraces
  - July 2008

*LEED: Leadership in Energy and Environment Design

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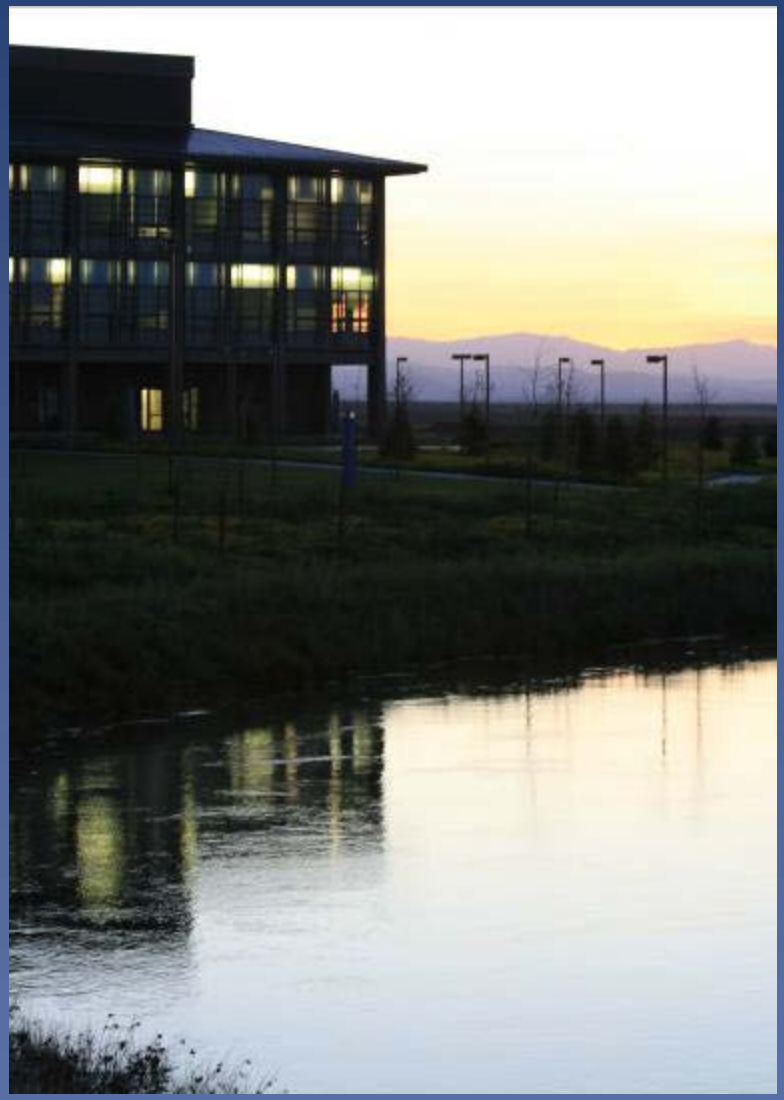
UC Merced Campus Development

Requires creative financing models in order to develop in a timely manner –

- Third-party financing
- Joint Development Opportunities

Campus will explore options with UCOP



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UCM's serious challenges for next few years:

1. Attracting sufficient students without adequate faculty, majors, and amenities.
2. Attracting faculty without adequate facilities and research support.

UCM's need, consistent with UC growth plan philosophy:

1. Facilities and Infrastructure – funding and timing
2. Faculty – salaries, startup, and space

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Recently Approved Requests

Funds

Reimbursement of Legal Costs for 404 Permit	$ 4.2M
Infrastructure Funding from 2008-2010 G.O. Bond	$ 5.0M
Pre-Planning Funds for SE2 and Infrastructure	$ 0.5M

Loans

Extension of Terms of Existing Debt	
Science Engineering 2 Building Expansion	$10.0M
Science Engineering 1 Building Modifications	$ 2.025M
Augmentation for Child Care Facility	$ 2.0M
Infrastructure for Child Care Center & Academic Trailer	$ 2.38M
Furniture for Academic Trailer & COB Renovation	$ 1.44M
Security and Emergency Notification System	$ 0.5M
Operating Loan (Each year for 8 years)	$ 5.0M

New Requests (not yet approved)

Additional Expansion of Sci & Engineering 2	$43.13M
Renovation of Castle to fit faculty labs	$12.0-16.23M
Off-campus Administrative Office Lease Space: TI's and Furniture	$ 1.06M

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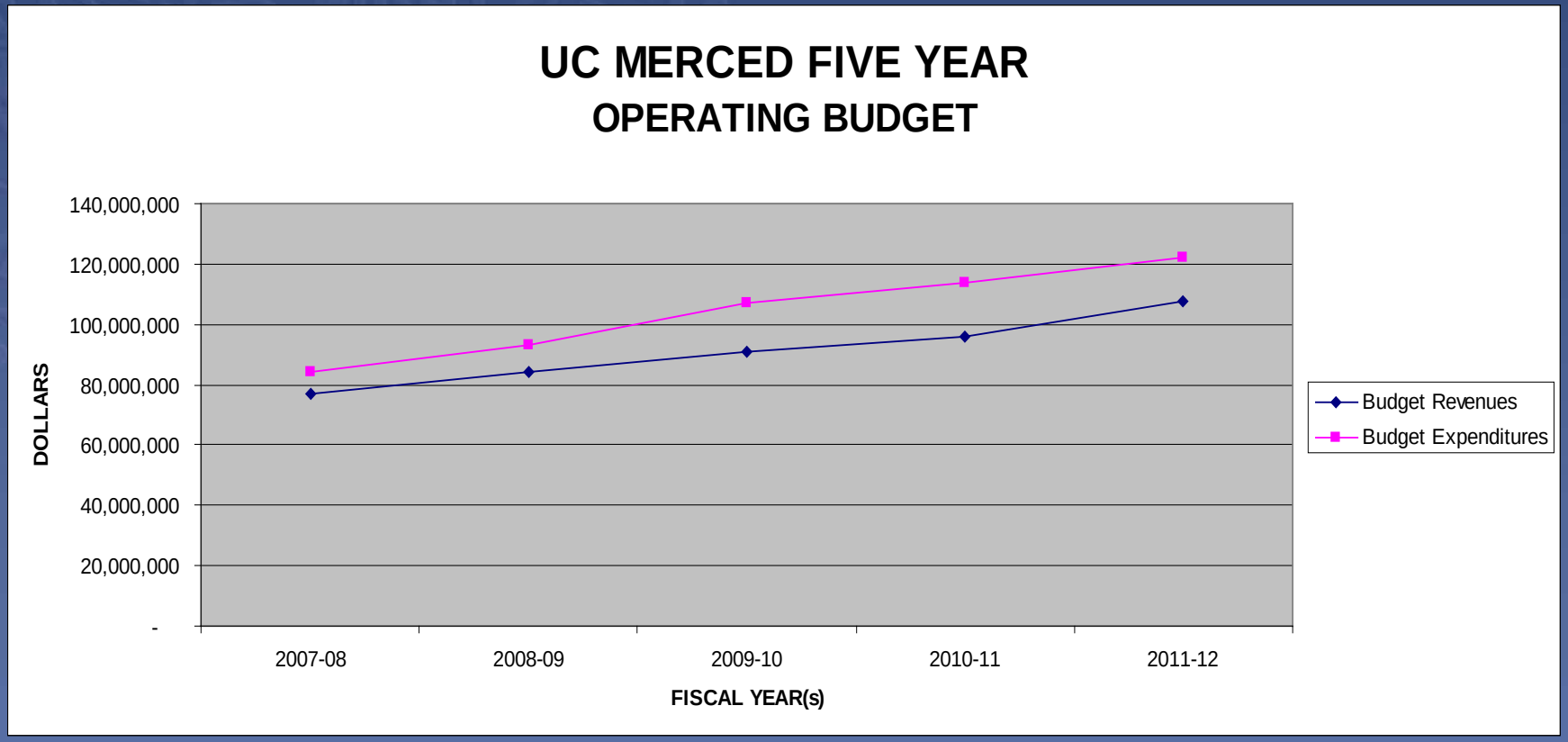
UC MERCED BUDGET PROJECTIONS
With $5 Million Loan For FY's 2007-15



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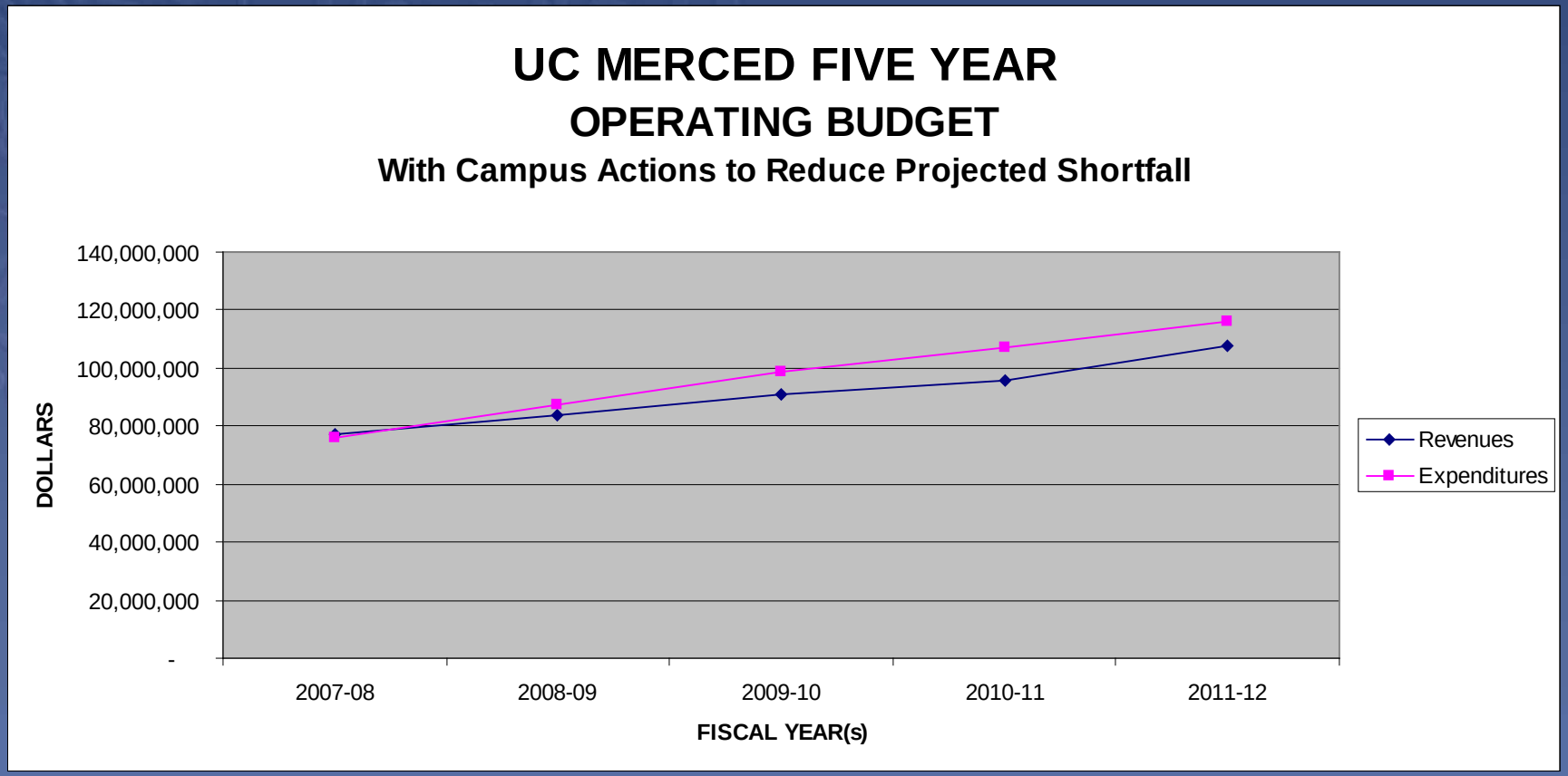
UC MERCED BUDGET PROJECTIONS
With $5 Million Loan For FY's 2007-15 and Campus Savings Initiatives



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Building UC Merced as the Premier 21st Century University
Steps for Success

- Enrollment Management by UCOP
- Expanded Science & Engineering 2 Bldg – Additional $43 M for total 150,000 gsf
- Continuation of Supplemental State Funding
- Loan with Favorable Terms
- Building Program Matched to Space Needs of a New Research University Campus
- Interdisciplinary Science Building Needed – Plans by 2009-10
- Professional School Building – Plans by 2009-10
- Funding for “Planning” of Housing 3
- Creative Capital Funding Methods/Options
  e.g. 3rd Party Financing
- Significant Investment in Infrastructure Beyond
  Existing Footprint
- Environmental Mitigation Costs

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EMERGENCY