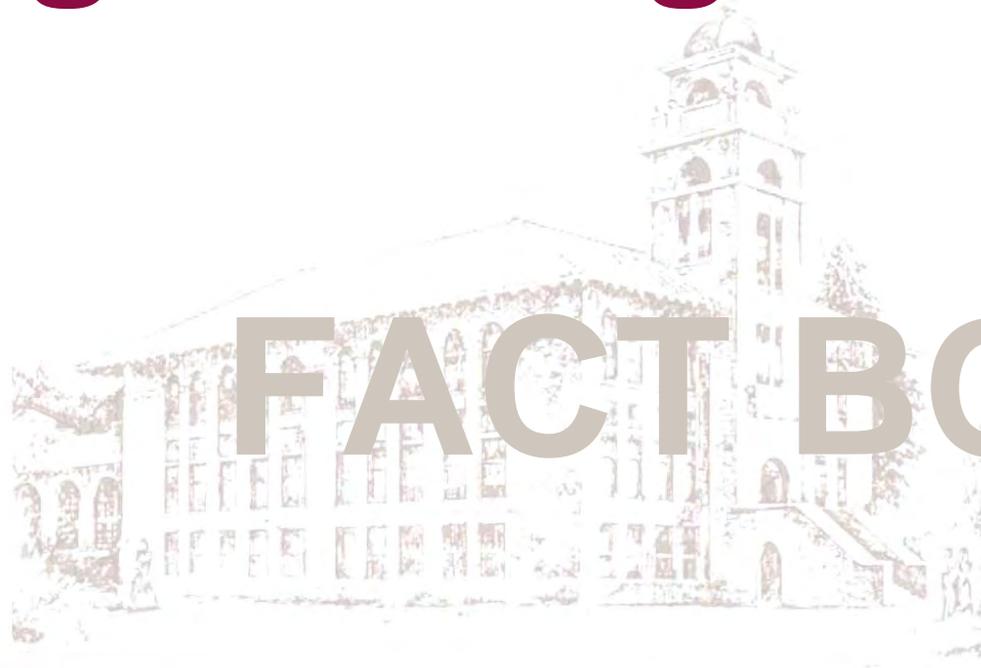


College of Engineering

2016-2017

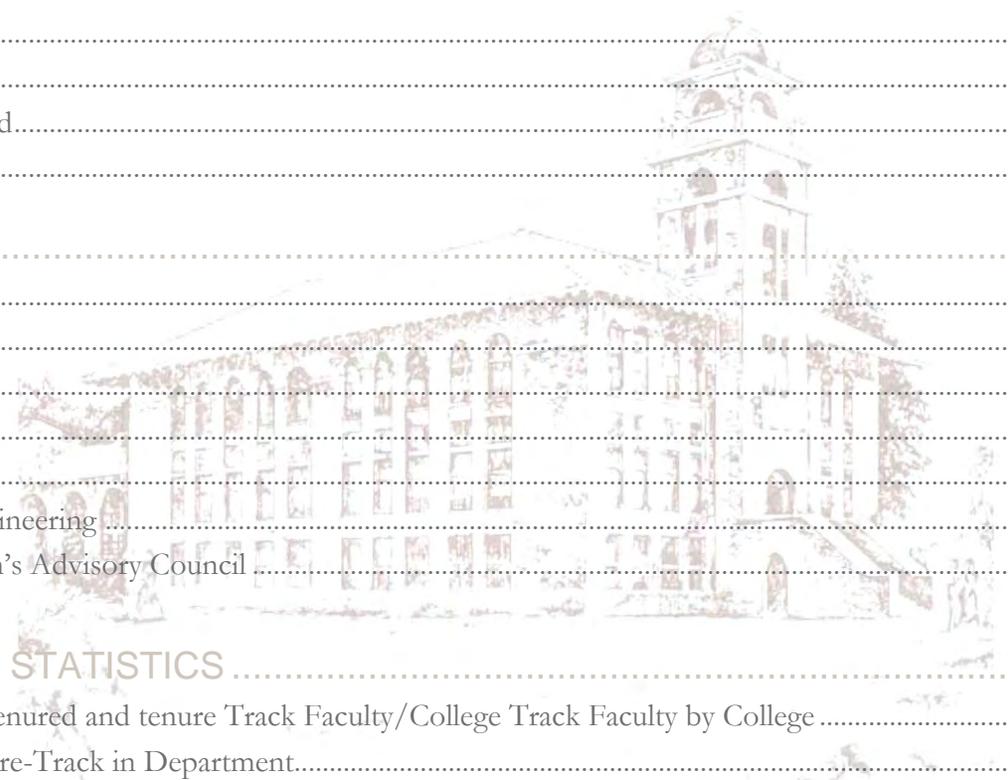


FACT BOOK



College of
Engineering

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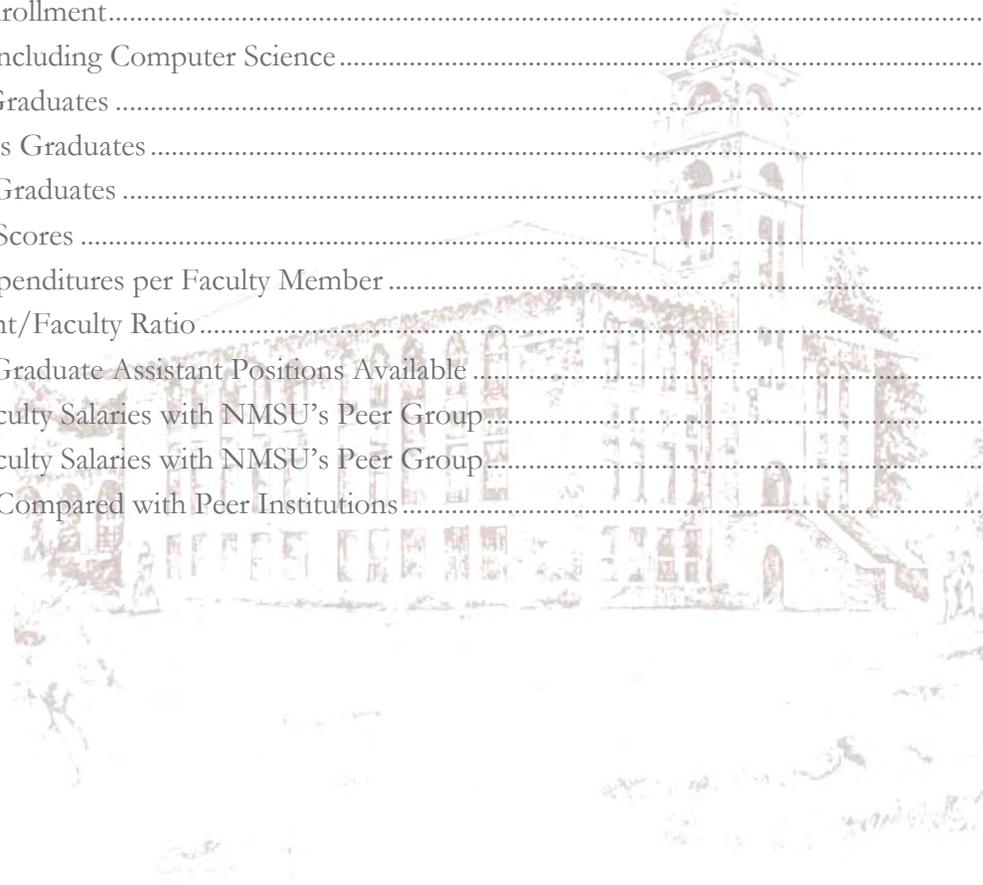


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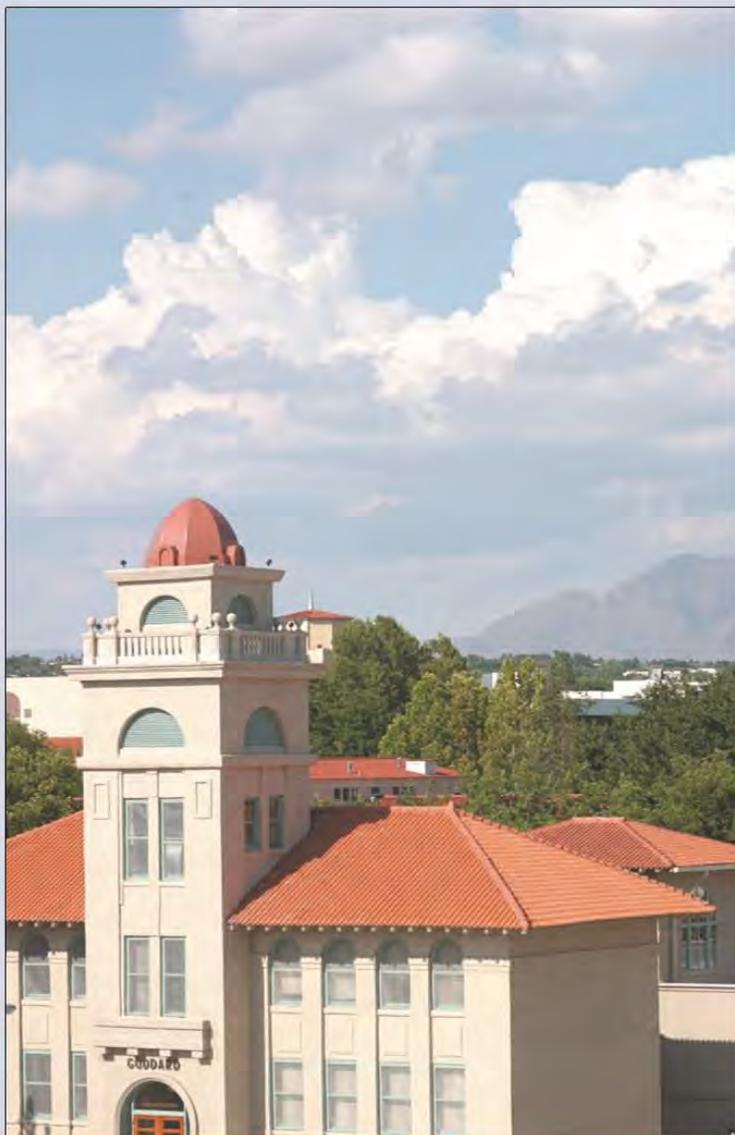
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COLLEGE PROFILE





Mission

The College of Engineering will uphold the land-grant mission of New Mexico State University by providing nationally recognized programs in education, research, outreach and public service.

Vision

The College of Engineering is committed to and passionate about ensuring access to a quality engineering education for New Mexico's demographically and culturally diverse citizens.

By 2020, the college will rank among the top 75 public engineering programs in the United States as determined by the US New and World Report. Faculty and staff who are engaged in fulfilling our program goals through the aspirations of our core -and grant beliefs will collectively contribute to the attainment of this ranking.

College of Engineering Program Goals

- ◆ To maintain undergraduate retention and six-year graduation rates within +/- 5 points of the national average (50 percent); delivering a curriculum that graduates industry and graduate school-ready engineers who value their education and the College of Engineering at the time of degree completion,
- ◆ To maintain a robust externally funded research program led by graduate faculty at an average expenditure rate of \$100K/faculty/year as well as robust and stable funding of college-level research centers above the faculty base,
- ◆ To maintain a strong enrollment of high-achieving graduate students with a priority of graduating 25 Ph.Ds. per year,
- ◆ Grow the scholarly publication rate to an average of two publications/faculty/year,
- ◆ To lead the state in engineering outreach and public service initiatives that support our pre-college and professional engineering constituents.

College of Engineering Core Values and Beliefs

- ◆ We are highly committed educators who are passionate about our students and external constituents.
- ◆ We maintain a sense of pride and tradition, a history of effective teaching, research and service, and a belief that an engineering education can make life-changing impacts on graduates and society at large.
- ◆ We are highly regarded for the ability and commitment to fill the gap in educational attainment of New Mexico's demographically and culturally diverse citizens by ensuring access to a quality and relevant engineering education.
- ◆ We are dedicated to making a difference in how engineers are educated, an innovative approach to conducting research, and dissemination of outcomes that are regarded and valued by peers.
- ◆ Our developments translate into intellectual property that contribute to development of the state's economic engine.
- ◆ The outcomes of our research and public service are fundamental to successful development of New Mexico's economy, developing technology that stimulates industry and global competitiveness.

College of Engineering Philosophy

Engaged faculty and staff actively support the College of Engineering vision and mission and actively contribute to the college goals in the areas of teaching, research, service and outreach through:

- ◆ Implementation or development of state-of-the-art teaching practices,
- ◆ Publishing in high-quality journals and conference participation, securing external research funding and advising and mentoring graduate students,
- ◆ Participation in university and professional activities that improve the college, New Mexico State University and the engineering profession in general,
- ◆ Participation in initiatives that directly assist New Mexico citizens and raise the public profile of New Mexico State University.



Engineering Plan Goal 1: Academics and Graduation

Goal: Enhance higher education access and outcomes through effective programs, instruction and services.

Maintain undergraduate retention and six-year graduation rates within +/- 5 points of the national average (50 percent), deliver a curriculum that graduates industry and graduate school-ready engineers who value their education and the College of Engineering at the time of degree completion, and maintain a strong enrollment of high-achieving graduate students with a priority of graduating 25 Ph.Ds. a year.

Objectives and Strategies

- ◆ Recruit undergraduate students who are committed to engineering before they enroll in the college:
 - ▶ Provide awareness and support of secondary school engineering-based programs through Project Lead the Way, Boosting Engineering and Science Technology Robotics and New Mexico Math Engineering Science Achievement.
- ◆ Implement a strong retention initiative that is built on understanding why engineering majors leave and a commitment to help students succeed:
 - ▶ Incorporate new programs for freshmen and sophomores based on research focused on retention strategies of diverse populations of students (Freshman Year Experience, Sophomore Year Engagement and Transfer Student Opportunities),
 - ▶ Develop a formal process to place and assess students in summer internship and co-ops by partnering with Career Services,
 - ▶ Broaden co- and extra-curricular opportunities and professional society involvement to impact a larger student population, and
 - ▶ Expand undergraduate research experience opportunities.
- ◆ Increase Ph.D. enrollment to support scholarly productivity and quality of our research programs:
 - ▶ Grow a population of highly motivated graduate students through fellowship opportunities and graduate enhancement stipends, and
 - ▶ Encourage M.S. students to pursue the Ph.D.
- ◆ Provide on-line degree programs to serve practicing engineers in their professional development:
 - ▶ Implement Master of Engineering degree.

Key Performance Indicators

- ◆ Time to graduation and improvement of success in program of study. Use national average engineering time to degree: 4.5-5 years,
- ◆ Retention and graduation rates. Use national average engineering retention and graduation statistics (+/- 5 percent) as a baseline: increase the first year to second year persistence from 64 percent to 75 percent, increase the second to third year persistence from 47 percent to 65 percent, increase the third to fourth year persistence from 38 percent to 60 percent, increase the four-year graduation rate from 11 percent to 30 percent, and increase the six-year graduation rate from 29 percent to 50 percent,
- ◆ Time to Ph.D. degree. Graduation of 1-2 Ph.D. students per year, per tenure-track faculty in Ph.D.-granting departments,
- ◆ Establish and track Master of Engineering degrees.



Engineering Plan Goal 2: Diversity and Internationalization

Goal: Ensure access to a quality and relevant engineering education for New Mexico's demographically and culturally diverse citizens as well as to a diverse international population.

The College of Engineering takes pride in the diversity of the state of New Mexico. The college respects its land-grant mission, the designation as Hispanic and minority serving, its relationship with American Indians, and its associations with community colleges and international constituents – a truly global perspective. Broadening participation through diversity of gender, underrepresented minorities, and internationalization contributes directly to the quality of learning for all who participate in an engineering education. It is important for the college community to fully reflect diversity within the composition of its students, faculty and staff.

Objectives and Strategies

- ◆ Increase representation of women and underrepresented minorities in faculty and student ranks:
 - ▶ Develop a diversity plan addressing recruitment and retention of students and faculty, and
 - ▶ Target undergraduate students for research experiences.
- ◆ Increase the opportunities for students to transfer from New Mexico community colleges:
 - ▶ Build and maintain transfer agreements and advising strategies that offer pre or general engineering and technology programs.
- ◆ Increase international collaborations that support faculty interest areas and maintain opportunities for travel abroad as well as host international delegations:
 - ▶ Develop recruitment plans that represent a diverse international population through MOUs and MOAs.
 - Collaborative Ph.D. with Northern China University of Technology and the China Ministry of Transport Beijing,
 - 3+1 program with East China University of Science and Technology,
 - B.S. aerospace engineering and Ph.D. civil engineering with Universidad Autónoma de Chihuahua, Chihuahua, Mexico, and
 - M.S. to Ph.D. with COMSATS Institute of Information Technology, Pakistan, Tomsk Polytechnic University, Russia.
- ◆ Increase opportunities for all students to participate in study abroad and exchange programs:
 - ▶ Work with International and Border Programs to develop a transparent study abroad-exchange process.

Key Performance Indicators

- ◆ Number of women and underrepresented minorities in student and faculty ranks,
- ◆ Number of transfer students with general and associate engineering degrees,
- ◆ MOUs with international universities or agencies, and
- ◆ Number of students participating in study abroad and exchange programs.



Engineering Plan Goal 3: Research and Creative Activity

Goal: By 2020, the college will rank among the top 75 public engineering programs in the United States.

Research and creative activity expand the frontiers of knowledge. Faculty who are actively engaged in research and creative activity provide a dynamic education for undergraduate and graduate students. Peers and constituents measure engineering programs on the basis of research and creative activity products. To grow our stature as an engineering college, we will focus on growing external funding and scholarly activity.

Objectives and Strategies

- ◆ Grow externally funded research led by graduate faculty to an average expenditure rate of \$100K/faculty/year, in addition to a robust and stable funding of college-level research centers above the faculty base:
 - ▶ Provide stronger support for PIs, including both college and university web resources and pre-award communication,
 - ▶ Reduce administrative burden for PIs on award administration, including procurement support,
 - ▶ Implement a Shared Services Center,
 - ▶ Build on research strengths and emerging strengths with strategic hiring of future faculty, and
 - ▶ Pursue non-federal research funding, including state agencies, industry and local organizations.
- ◆ Grow the scholarly publication rate to an average of two publications/faculty/year:
 - ▶ Continue Graduate Enhancement Stipends, and
 - ▶ Implement Ph.D. publication requirements for promotion and tenure.
- ◆ Increase partnerships among faculty, across the college, across and among colleges, other institutions, as well as public-private partnerships:
 - ▶ Create opportunities for partnerships among faculty, across colleges and across institutions, through expertise lists and direct connections, and
 - ▶ Align research and creative activity with demonstrated community needs and potential partners.

Key Performance Indicators

- ◆ Standing in US News and World Report,
- ◆ Research expenditures and awards,
- ◆ Expenditures/faculty member,
- ◆ Scholarly output from faculty and research staff,
- ◆ Number of faculty participating in sponsored research,
- ◆ Number of applications to NSF I-corps, Arrowhead Studio G and Launch, patents awarded, provisional patents filed, and
- ◆ Partnerships created.



Engineering Plan Goal 4: Economic Development and Community Engagement

Goal: Increase outreach, public service and economic development initiatives.

Lead the state in engineering outreach and public service initiatives that support our pre-college and professional engineering constituents. Contribute to the fundamental mission of New Mexico's land-grant program, creating and implementing technology that stimulates creation of industry and global competitiveness.

Objectives and Strategies

- ◆ Promote and expand engineering outreach and public service programming in support of a high-wage, high-technology workforce development to foster economic development statewide.
 - ▶ Expand public school engagement in STEM outreach programs to broaden access to engineering outreach programs,
 - ▶ Engage strong partnerships with industry and government agencies to identify and offer relevant short-courses and workshops, utilize faculty expertise to enhance business assistance programming (prototype and validation, automation and mechanization, etc.), and foster workforce readiness of undergraduate and graduate students through innovation and entrepreneurship educational programming, and
 - ▶ Promote and support the economic development of New Mexico and regional communities through community engagement and partnership providing relevant research-based knowledge and information, educational programs and professional development training to achieve community and regional economic development.

Key Performance Indicators

- ◆ Track and monitor STEM engagement by program:
 - ▶ Number of schools (private, public, charter, homeschool),
 - ▶ Number of students (gender, ethnicity), and
 - ▶ Geographic location.
- ◆ Track and monitor partnerships:
 - ▶ Number of partnerships (industry, small business, government agency), and
 - ▶ Quantify the partnership (sponsorship, co-partners for proposals, etc.).
- ◆ Demonstrate how community engagement efforts contribute to growth and retention in industries and employment:
 - ▶ Number of companies participating in bi-annual career fairs, and
 - ▶ Student employment (co-op, internships, permanent hires).
- ◆ Demonstrate community engagement impact on workforce preparedness, employer satisfaction, and collaborative innovations:
 - ▶ Conduct annual survey of industry partners and report feedback.



Engineering Plan Goal 5: Resource Stewardship

Goal: Optimize resources to effectively support teaching, research and public service.

Alternative revenue streams are essential to quality education and fulfillment of our land-grant mission. Alternative revenues enable the college to offer scholarships, attract outstanding faculty, purchase equipment and renovate facilities, all of which are resources indispensable to excellence in education and research. While new revenue is essential to the achievement of our goals, the college strives for efficient operation through optimal resource allocation to minimize the cost and maximize the value of an engineering education.

Objectives and Strategies

- ◆ Enhance revenue to the college:
 - ▶ Seek opportunities and develop plans to receive external funding for unique engineering ventures through research and public service projects and other land-grant mission initiatives from state and federal agencies and private foundations,
 - ▶ Increase philanthropy to the college through donor cultivation and stewardship,
 - ▶ Cultivate an awareness and philosophy of philanthropy among students as future donors to the college, and
 - ▶ Cultivate opportunities to develop public-private partnerships.
- ◆ Effectively utilize existing resources of the college:
 - ▶ Increase faculty and staff knowledge of resource stewardship through participation in discussions to establish priorities for resource allocation in accordance with overall college budget priorities and strategic plan goals,
 - ▶ Incorporate the use of data-driven decision-making to allocate available resources across administrative and academic functions, and prioritize and transition resources as appropriate,
 - ▶ Improve classroom, research and administrative facilities, and
 - ▶ Develop opportunities to invest strategically in faculty and staff compensation.

Key Performance Indicators

- ◆ Funding and expenditures for RPSPs, federal and state agency grants, private grants, and impacts of public and private support,
- ◆ Alumni and corporate giving rates and gift revenues—endowments and current-use funding (scholarships, faculty support and naming of facilities),
- ◆ Resource stewardship discussions at college and department open forums (Fall Convocation and Spring Engineers' Roundup) and Dean's Advisory Council meetings), and
- ◆ Annual faculty and staff merit-pay assessment, rewards and recognition.

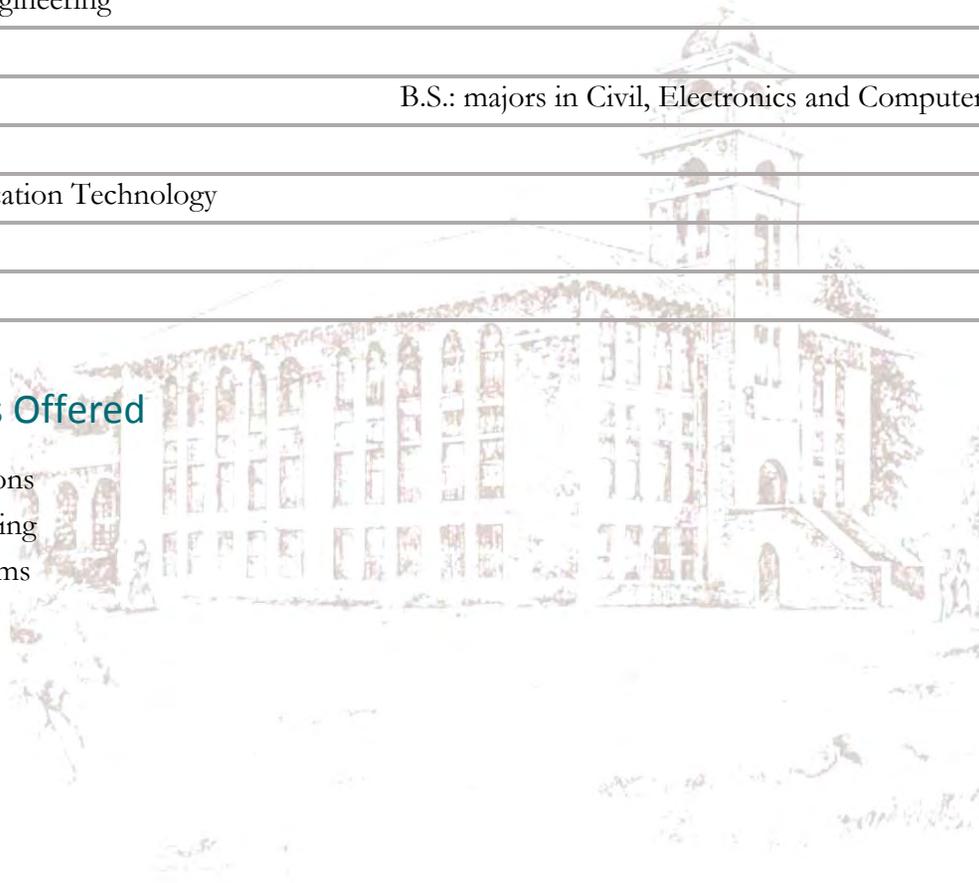


Degrees Offered

Aerospace Engineering	B.S., M.S. and Ph.D.
Chemical Engineering	B.S., M.S. and Ph.D.
Civil Engineering	B.S., M.S. and Ph.D.
Environmental Engineering	M.S.
Electrical and Computer Engineering	B.S., M.S. and Ph.D.
Engineering Physics	B.S.
Engineering Technology	B.S.: majors in Civil, Electronics and Computer, Information, or Mechanical
Industrial Engineering	B.S., M.S. and Ph.D.
Information and Communication Technology	B.I.C.T.
Mechanical Engineering	B.S., M.S. and Ph.D.
Geometric Engineering	B.S.

Graduate Certificates Offered

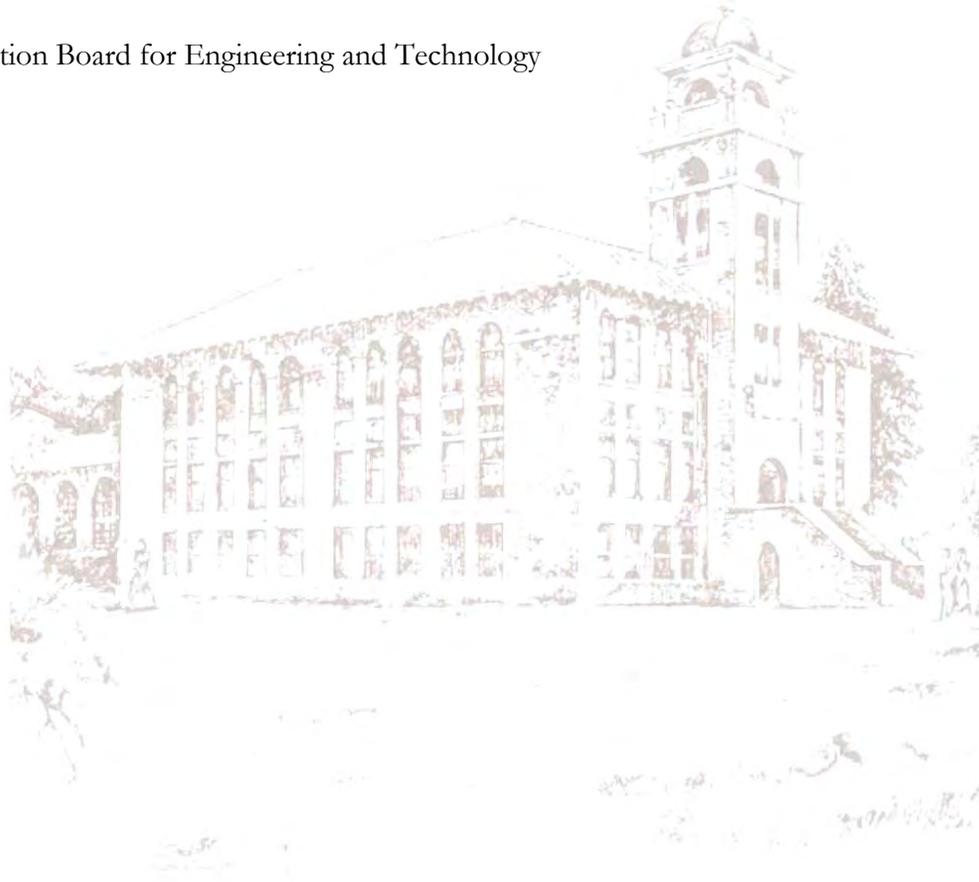
- Digital Communications
- Digital Signal Processing
- Electric Energy Systems
- Systems Engineering
- Telemetry



Accreditation

Baccalaureate degree programs in civil, chemical, electrical and computer, engineering physics, industrial, mechanical and surveying engineering are accredited by the Engineering Accreditation Commission of ABET. Baccalaureate degree programs in civil, electronics and computer, geometrics and mechanical engineering technology are accredited by the Engineering Technology Accreditation Commission of ABET.

Commission of the Accreditation Board for Engineering and Technology
www.abet.org



Leadership



Deans

Lakshmi N. Reddi	Dean	lnr@nmsu.edu	575-646-7234
Sonya L. Cooper	Associate Dean of Academics	socooper@nmsu.edu	575-646-2912
Phillip De Leon	Associate Dean of Research	pdeleon@nmsu.edu	575-646-3771
Patricia A. Sullivan	Associate Dean of Outreach and Recruiting	patsulli@nmsu.edu	575-646-2913

Department Heads

Thomas W. Jenkins	Engineering Technology and Surveying Engineering	tjenkins@nmsu.edu	575-646-3847
Ruey-Hung Chen	Mechanical and Aerospace Engineering	chenrh@nmsu.edu	575-646-2335
David V. Jáuregui	Civil Engineering	jauregui@nmsu.edu	575-646-3801
Edward Pines	Industrial Engineering	epines@nmsu.edu	575-646-2730
Satish Ranade	Electrical and Computer Engineering, Distinguished	srnade@nmsu.edu	575-646-3117
David A. Rockstraw	Chemical and Materials Engineering, Distinguished	rockstr@nmsu.edu	575-646-7705
Stefan Zollner	Engineering Physics	zollner@nmsu.edu	575-646-7627

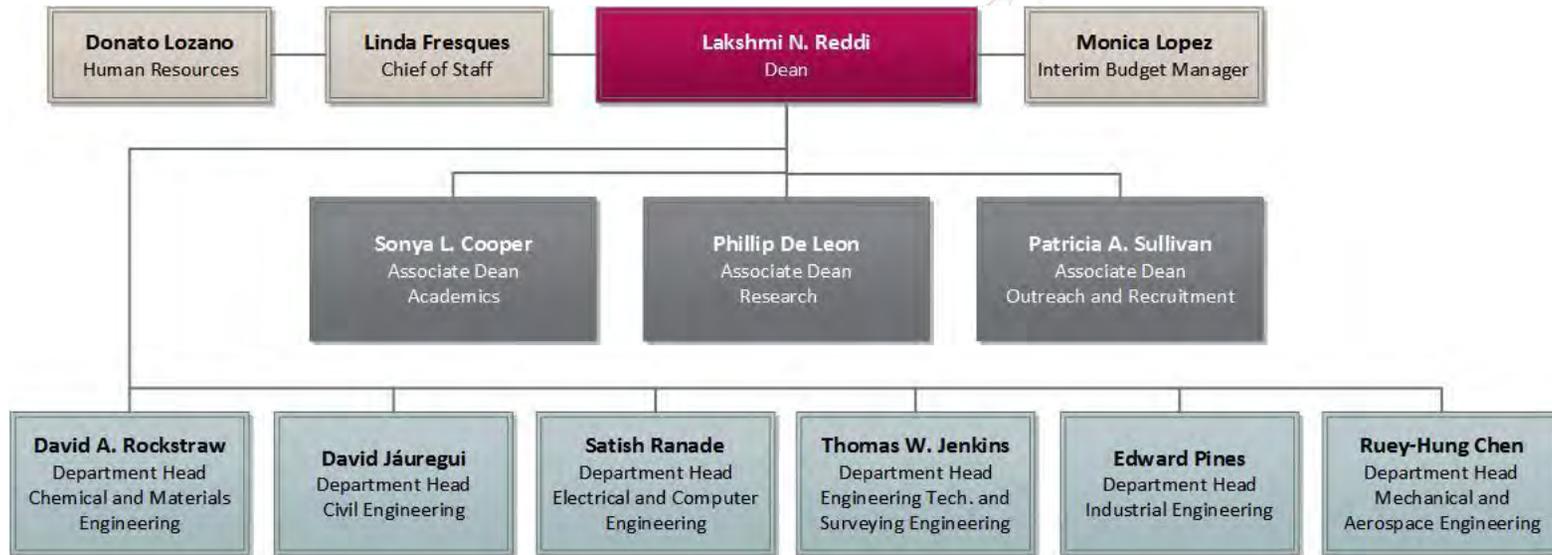
Development Officers

Mark Gladden	Director of Development	markglad@nmsu.edu	575-373-5156
Stephanie Armitage Sichler	Director of Development	starmita@nmsu.edu	575-646-5457

Administrative Staff

Linda Fresques	Chief of Staff	lfresque@nmsu.edu	575-646-7416
Monica Lopez	Interim Budget Manager	monlopez@nmsu.edu	575-646-3545

Organizational Chart



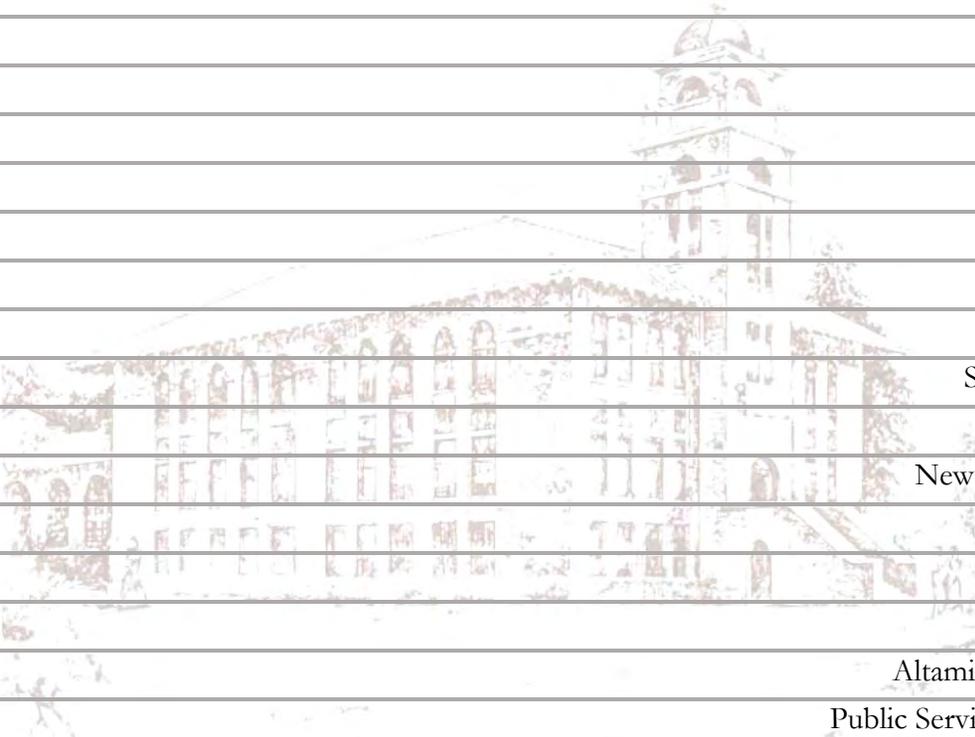
Deans of the College of Engineering



Arthur T. Barnes	1914-1920
Ralph W. Goddard	1920-1929
James T. Rood	1930-1932
Burton P. Fleming	1932-1934
Hugh M. Milton	1935-1938
Daniel B. Jett	1938-1947
Melvin A. Thomas	1947-1961
Frank Bromilow	1961-1974
John Hernandez	1975-1980
C. Quentin Ford	1980-1981
Joseph Genin	1981-1985
J. Derald Morgan	1985-1998
Jay Jordan	1999-2002
Kenneth White (interim)	2002-2003
William C. McCarthy (interim)	2003-2004
Steven P. Castillo	2005-2009
Kenneth White: (interim)	2009-2010
Ricardo B. Jacquez	2010-2015
Steven J. Stochaj (interim)	2015-2016
Lakshmi N. Reddi	2016-present

College of Engineering Dean’s Advisory Council

Active



Michael Beck	Associated Contractors of New Mexico
Eddie Binns	Binns Construction
Leonard Bloom	Western Refining, Inc.
Colin Cahoon	
Jack E. Davis	
David L. Durgin	Verge Fund
Kevin C. Eades	Molzen Corbin
Edgar Foreman	Retired
Harold Foreman	Retired
John C. Galassini	Sunshine Mining Corporation
Carlos Gutierrez	Retired
Lou Gomez	New Mexico Spaceport Authority
Bruce Hayes	ExxonMobil
Daniel Hicks	Spaceport America
Debra Hicks	Pettigrew and Associates
Arthur D. Hurtado	Altamira Technologies Corporation
Aubrey Johnson	Public Service Company of New Mexico
Michael Johnson	Retired
Christopher Long	Orbital ATK Space Systems Group
Richard C. Madrid	Retired

David R. Martinez	MIT Lincoln Laboratory
Wencil McClenahan	The Boeing Company
Anthony J. Medina	Sandia National Laboratories
Richard Montman	Halliburton
Manny Mora	
Margaret S. Morse	The Boeing Company (retired)
John Mulholland	The Boeing Company
Robert G. Myers	Robert G. Myers Company
Mark D. Robertson	
Randolph Rothschild	Raytheon Missile Defense Systems
Robert B. Sachs	Team Specialty Products, Corporation
Albert Thomas	Bohannon-Huston, Inc.
Eloy Torrez	SEI Group, Inc.
James B. Waters	Retired
Elizabeth Webster	EEA Consulting Engineers
Daniel Whiteman	Retired
Allyson D. Yarbrough	Aerospace Corporation
Emeritus	
Sylvia Acevedo	CommuniCard, LLC
Adelmo E. Archuleta	Molzen-Corbin & Associates
Edmund G. Archuleta	El Paso Water Utilities (retired CEO)
Frank Bates	El Paso Electric Company (retired CEO)
Thomas M. Beall	VF Petroleum, Inc.

Sylvia Grace	Gilbert Unified School District, AZ
Lester L. Lyles	The Lyles Group (retired Air Force General)
Joseph E. Perea	Exxon Mobil
Brian Rashap	Intel Corp.
Jerome Shaw	Volt Information Sciences, Inc.

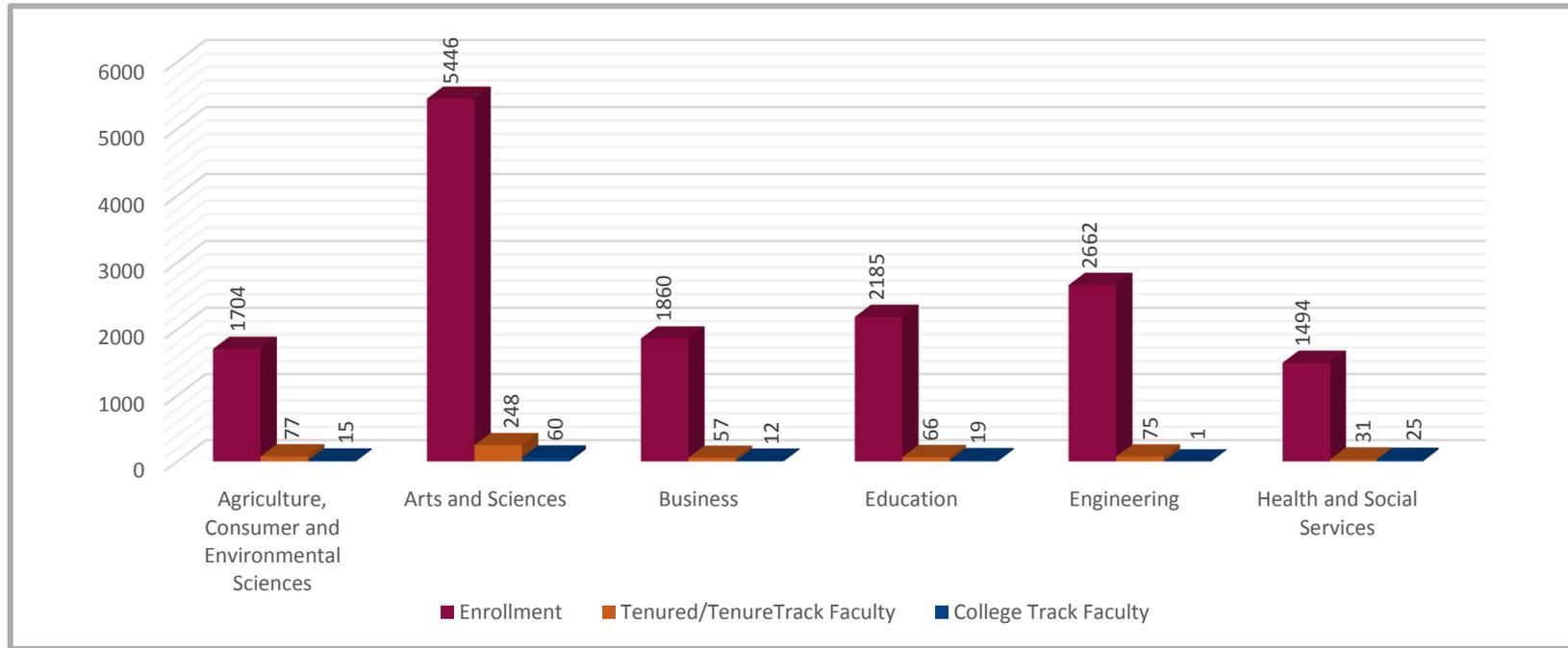


COLLEGE FACULTY STATISTICS

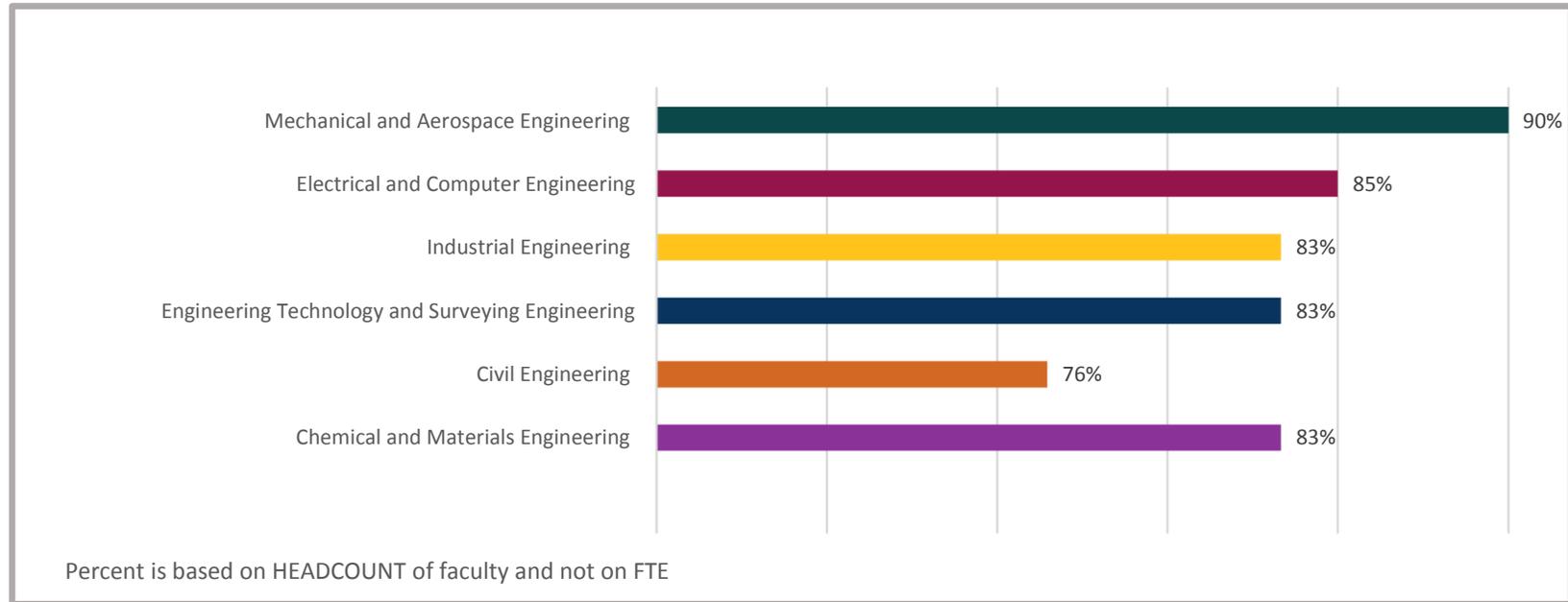
Source: NMSU Office of Institutional Analysis



2015 Student Enrollment/Tenured and Tenured Track Faculty/College Track Faculty by College



2016 Percent Tenured/Tenure-Track in Department



All Faculty by Tenure Status

Tenure Status	Fall 2011	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
Tenured	52	56	56	54	51	54
Tenure Track	22	20	23	26	24	25
Non-Tenure Track	3	5	3	1	1	2
Term	2	0	1	0	0	1
Temporary*	16	15	14	16	14	17
Total	95	96	97	97	90	99

*Includes all temporary faculty regardless of records with a tenure status

Regular Faculty Only by Rank

Rank	Fall 2011	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
Professor	24	26	24	23	23	25
Associate Professor	32	32	32	30	28	29
Assistant Professor	21	23	26	28	25	27
Total	77	81	82	81	76	81

**Term and all temporary faculty excluded as they have no rank*

All Faculty by Faculty Type and Gender

Faculty Type	Gender	Fall 2011	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
Regular Faculty*	Female	13	11	13	13	13	16
	Male	66	70	70	68	63	66
	Total	79	81	83	81	76	82
Temporary Faculty	Female	2	2	2	1	2	2
	Male	14	13	12	15	12	15
	Total	16	15	14	16	14	17
All Engineering Faculty	Female	15	13	15	14	15	18
	Male	80	83	82	83	75	81
	Total	95	96	97	97	90	99

**Regular Faculty INCLUDES Term (Visiting) Faculty*

All Faculty by Faculty Type and Race/Ethnicity*

Faculty Type	Race/Ethnicity	Fall 2011	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
Regular Faculty*	Multi-racial	1	0	0	0	0	0
	Asian	24	24	24	23	23	22
	Black	1	1	1	1	1	1
	Hispanic	11	10	10	13	12	11
	International	3	5	8	7	4	7
	Unknown	0	3	2	0	0	2
	White	39	38	38	37	36	39
	Total	79	81	83	81	76	82
Temporary Faculty	Multi-racial	1	0	0	0	0	0
	Asian	1	0	0	1	1	0
	Hispanic	2	3	2	2	3	2
	International	1	2	0	4	0	1
	Unknown	6	5	7	4	6	6
	White	5	5	5	5	4	8
	Total	16	15	14	16	14	17
All Engineering Faculty	Multi-racial	2	0	0	0	0	0
	Asian	25	24	24	24	24	22
	Black	1	1	1	1	1	1
	Hispanic	13	13	12	15	15	13
	International	4	7	8	11	4	8
	Unknown	6	8	9	4	6	8
	White	44	43	43	42	40	47
	Total	95	96	97	97	90	99

*Every NMSU employee is asked to submit their race/ethnicity when they are hired via a two-part question. “Are you Hispanic or not”? (Ethnicity), and, “What is your race”? (American Indian, Black, Asian American, Hawaiian Pacific/ Other Pacific Islander, White). Employees may pick all that apply. If the employee doesn’t provide any information, they get coded as “Unknown.” All race/ethnicity reporting is self-claimed.

NMSU follows federal guidelines in tracking race/ethnicity. In attempt to get consistent, unduplicated counts (because selection allows multiple choices), Federal guidelines say to count Hispanic first, then if not Hispanic, count multiple races as “two or more” and then count the single race. If a person selects Hispanic, American Indian and White, that person will be counted as Hispanic. If the person selects Asian and White, that person will be counted as “two or more.” For most reporting at NMSU, employees who have a citizenship of international are usually

counted as “non-resident” and NOT in their self-claimed race/ethnic group. For example, if a faculty member is originally from Honduras, has not yet received permanent residency and has selected Hispanic and Black, that person is counted as “non-resident.” However, if that person receives permanent residency, they will then be counted as Hispanic.



Regular Faculty by Tenure Status and Rank

Tenure Status	Rank	Fall 2011	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
Tenured	Assistant Professor	1	2	3	2	1	1
	Associate Professor	28	29	30	29	27	28
	Professor	23	25	23	23	23	25
	Total	52	56	56	54	51	54
Tenure Track	Assistant Professor	20	19	22	25	23	24
	Associate Professor	2	1	1	1	1	1
	Total	22	20	23	26	24	25
Non-Tenure Track	Assistant Professor	0	2	1	1	1	2
	Associate Professor	2	2	1	0	0	0
	Professor	1	1	1	0	0	0
	Total	3	5	3	1	1	2
Term	No Rank	2	0	1	0	0	1

Regular Faculty by Tenure Status and Gender

Tenure Status	Gender	Fall 2011	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
Tenured	Female	6	5	5	5	6	7
	Male	46	51	51	49	45	47
	Total	52	56	56	54	51	54
Tenure Track	Female	5	4	6	7	6	7
	Male	17	16	17	19	18	18
	Total	22	20	23	26	24	25
Non-Tenure Track	Female	1	2	2	1	1	1
	Male	2	3	1	0	0	1
	Total	3	5	3	1	1	2
Term	Female	1	0	0	0	0	1
	Male	1	0	1	0	0	0
	Total	2	0	1	0	0	1

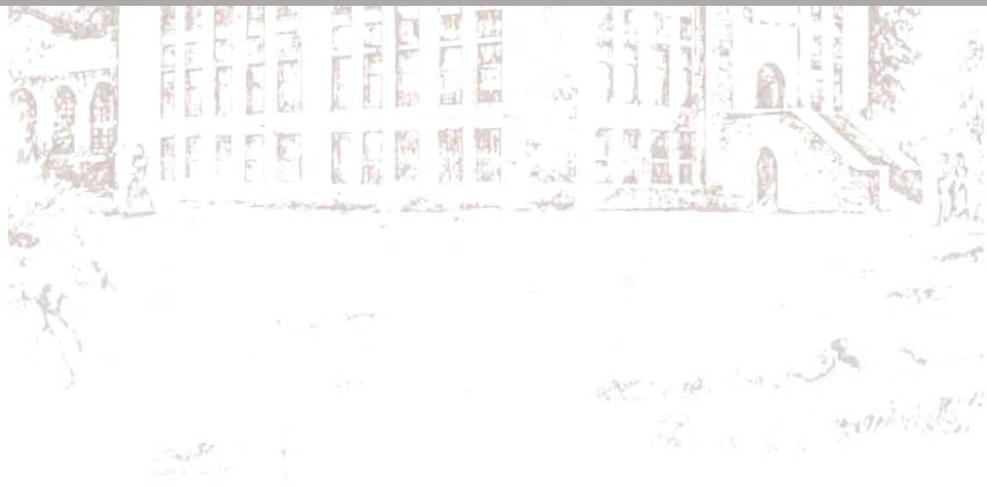


Regular Faculty by Tenure Status and Race/Ethnicity

Tenure Status	Race/Ethnicity	Fall 2011	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
Tenured	Multi-racial	1	0	0	0	0	0
	Asian	12	17	19	21	19	19
	Black	1	1	1	1	1	1
	Hispanic	7	7	7	7	8	7
	International	0	0	1	0	0	0
	Unknown	0	1	0	0	0	0
	White	31	30	28	25	23	27
	Total	52	56	56	54	51	54
Tenure Track	Asian	11	6	4	1	3	2
	Hispanic	3	3	3	6	4	4
	International	3	4	6	7	4	7
	Unknown	0	2	2	0	0	1
	White	5	5	8	12	13	11
	Total	22	20	23	26	24	25
Non-Tenure Track	Asian	0	1	1	1	1	1
	International	0	1	0	0	0	0
	Unknown	0	0	0	0	0	1
	White	3	3	2	0	0	0
	Total	3	5	3	1	1	2
Term	Asian	1	0	0	0	0	0
	Hispanic	1	0	0	0	0	0
	International	0	0	1	0	0	0
	White	0	0	0	0	0	1
	Total	2	0	1	0	0	1

Regular Faculty Annual Salary Statistics by Tenure Status

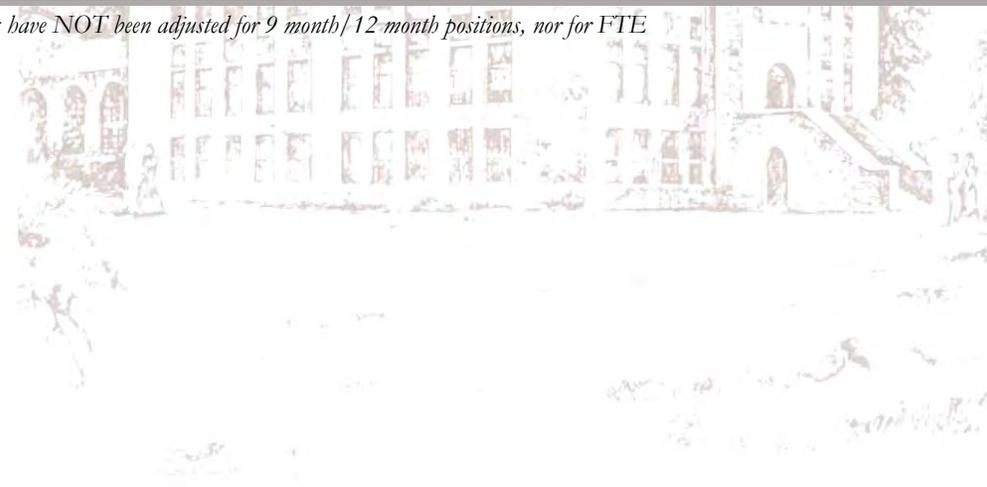
Tenure Status	Statistic	Fall 2011	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
Tenured	Number	52	56	56	54	51	54
	Maximum	\$148,705	\$149,395	\$150,889	\$156,130	\$163,988	\$163,988
	Minimum	\$65,014	\$66,316	\$66,979	\$69,313	\$69,313	\$69,313
	Mean	\$89,187	\$91,662	\$93,682	\$96,090	\$99,484	\$99,686
Tenure Track	Number	22	20	23	26	24	25
	Maximum	\$83,000	\$87,522	\$85,507	\$86,184	\$86,184	\$86,500
	Minimum	\$65,000	\$67,500	\$68,175	\$67,000	\$67,000	\$67,876
	Mean	\$74,767	\$77,196	\$77,465	\$78,168	\$79,064	\$78,594
Non-Tenure Track	Number	3	5	3	1	1	2
	Maximum	\$80,012	\$108,667	\$66,751	\$51,455	\$51,455	\$77,183
	Minimum	\$59,697	\$50,703	\$50,703	\$51,455	\$51,455	\$62,414
	Mean	\$66,646	\$72,659	\$59,661	\$51,455	\$51,455	\$69,798
Term	Number	2	0	1	0	0	1
	Maximum	\$50,000		\$56,000			\$62,414
	Minimum	\$50,000		\$56,000			\$62,414
	Mean	\$50,000		\$56,000			\$62,414



Regular Faculty Annual Salary Statistics by Rank

Rank	Statistic	Fall 2011	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
Professor	Number	24	26	24	23	23	25
	Maximum	\$148,705	\$149,395	\$150,889	\$156,130	\$163,988	\$163,988
	Minimum	\$60,229	\$61,433	\$66,751	\$76,801	\$88,141	\$84,279
	Mean	\$97,302	\$101,335	\$105,391	\$110,040	\$113,901	\$114,874
Associate Professor	Number	32	32	32	30	28	29
	Maximum	\$116,956	\$119,295	\$121,200	\$123,061	\$124,875	\$122,121
	Minimum	\$59,697	\$60,921	\$61,530	\$72,387	\$72,387	\$75,351
	Mean	\$80,917	\$82,820	\$84,750	\$86,428	\$88,244	\$86,800
Assistant Professor	Number	21	23	26	28	25	27
	Maximum	\$81,600	\$108,667	\$83,797	\$84,875	\$84,875	\$86,500
	Minimum	\$65,000	\$50,703	\$50,703	\$51,455	\$51,455	\$62,414
	Mean	\$74,186	\$76,319	\$75,595	\$76,746	\$77,284	\$77,718
Term - No Rank	Number	2	0	1	0	0	1
	Maximum	\$50,000		\$56,000			\$62,414
	Minimum	\$50,000		\$56,000			\$62,414
	Mean	\$50,000		\$56,000			\$62,414

Note: Salaries have NOT been adjusted for 9 month/12 month positions, nor for FTE



Regular Faculty Annual Salary Statistics by 9- and 12-month Contract* and Tenure Status

Contract Category	Tenure Status	Statistic	Fall 2013	Fall 2014	Fall 2015	Fall 2016
12 Month Faculty	Tenured	Number	8	7	7	7
		Maximum	\$150,889	\$156,130	\$163,988	\$163,988
		Minimum	\$76,871	\$84,761	\$90,271	\$90,271
		Mean	\$122,709	\$130,977	\$132,565	\$136,869
	Non-Tenure Track	Number	1	1	1	1
		Maximum	\$50,703	\$51,455	\$51,455	\$77,183
		Minimum	\$50,703	\$51,455	\$51,455	\$77,183
		Mean	\$50,703	\$51,455	\$51,455	\$77,183
9 Month Faculty	Tenured	Number	48	47	44	47
		Maximum	\$116,123	\$118,435	\$122,634	\$122,634
		Minimum	\$66,979	\$69,313	\$69,313	\$69,313
		Mean	\$88,844	\$90,894	\$94,221	\$94,148
	Tenure Track	Number	23	26	24	25
		Maximum	\$85,507	\$86,184	\$86,184	\$86,500
		Minimum	\$68,175	\$67,000	\$67,000	\$67,876
		Mean	\$77,465	\$78,168	\$79,064	\$78,594
	Non-Tenure Track	Number	2	0	0	1
		Maximum	\$66,751			\$62,414
		Minimum	\$61,530			\$62,414
		Mean	\$64,140			\$62,414
	Term	Number	1	0	0	1
		Maximum	\$56,000			\$62,414
		Minimum	\$56,000			\$62,414
		Mean	\$56,000			\$62,414

**The data element clarifying contract status was not consistent prior to Fall 2013 and therefore, Fall 2011 and Fall 2012 have not been included in this table*

Regular Faculty Annual Salary Statistics by 9- and 12-Month Contract* and Rank

Contract Category	Rank	Statistic	Fall 2013	Fall 2014	Fall 2015	Fall 2016
12 Month Faculty	Professor	Number	5	5	5	6
		Maximum	\$150,889	\$156,130	\$163,988	\$163,988
		Minimum	\$76,871	\$84,761	\$90,271	\$90,271
		Mean	\$129,687	\$134,331	\$136,192	\$139,327
	Associate Professor	Number	3	2	2	1
		Maximum	\$121,200	\$123,061	\$124,875	\$122,121
		Minimum	\$91,552	\$122,121	\$122,121	\$122,121
		Mean	\$111,080	\$122,591	\$123,498	\$122,121
	Assistant Professor	Number	1	1	1	1
		Maximum	\$50,703	\$51,455	\$51,455	\$77,183
		Minimum	\$50,703	\$51,455	\$51,455	\$77,183
		Mean	\$50,703	\$51,455	\$51,455	\$77,183
9 Month Faculty	Professor	Number	19	18	18	19
		Maximum	\$116,123	\$118,435	\$122,634	\$122,634
		Minimum	\$66,751	\$76,801	\$88,141	\$84,279
		Mean	\$98,997	\$103,293	\$107,709	\$107,152
	Associate Professor	Number	29	28	26	28
		Maximum	\$92,956	\$91,943	\$93,409	\$93,409
		Minimum	\$61,530	\$72,387	\$72,387	\$75,351
		Mean	\$82,026	\$83,845	\$85,533	\$85,539
	Assistant Professor	Number	25	27	24	26
		Maximum	\$83,797	\$84,875	\$84,875	\$86,500
		Minimum	\$66,979	\$67,000	\$67,000	\$62,414
		Mean	\$76,591	\$77,683	\$78,361	\$77,739
	Term - No Rank	Number	1	0	0	1
		Maximum	\$56,000			\$62,414
		Minimum	\$56,000			\$62,414
		Mean	\$56,000			\$62,414

**The data element clarifying contract status was not consistent prior to Fall 2013 and therefore, Fall 2011 and Fall 2012 have not been included in this table*

All Faculty by Type and Department

Faculty Type	Department	Fall 2011	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
Regular Faculty*	Chemical and Materials	8	6	9	9	8	9
	Civil Engineering	13	13	13	14	13	14
	Engineering Technology and Surveying	12	14	15	16	15	16
	Industrial Engineering	6	6	6	6	5	6
	Electrical and Computer	22	24	22	18	18	19
	Mechanical and Aerospace	18	18	18	18	17	18
	Total		79	81	83	81	76
Temporary Faculty	Chemical and Materials	1	2	2	4	2	3
	Civil Engineering	1	1	1	2	4	3
	Office of Engineering Research	0	1	0	0	0	0
	Engineering Technology and Surveying	5	6	6	3	3	4
	Industrial Engineering	2	1	0	0	1	2
	Electrical and Computer	2	1	2	5	2	3
	Mechanical and Aerospace	5	3	3	2	2	2
	Total		16	15	14	16	14
All Engineering Faculty	Chemical and Materials	9	8	11	13	10	12
	Civil Engineering	14	14	14	16	17	17
	Office of Engineering Research	0	1	0	0	0	0
	Engineering Technology and Surveying	17	20	21	19	18	20
	Industrial Engineering	8	7	6	6	6	8
	Electrical and Computer	24	25	24	23	20	22
	Mechanical and Aerospace	23	21	21	20	19	20
	Total		95	96	97	97	90

*Regular Faculty INCLUDES Term (Visiting) Faculty

Regular Faculty Headcount by Department, Tenure Status and Rank - Fall 2016

Department	Tenured				Tenure Track			Non-Tenure Track		Term	
	Professor	Associate Professor	Assistant Professor	Total	Associate Professor	Assistant Professor	Total	Assistant Professor	Total	No Rank	Total
Chemical and Materials	2	3	0	5	0	4	4	0	0	0	0
Civil	6	5	0	11	0	3	3	0	0	0	0
Engineering Tech./Surveying	7	2	1	10	1	5	6	0	0	0	0
Industrial	0	4	0	4	0	2	2	0	0	0	0
Electrical and Computer	7	7	0	14	0	4	4	1	1	0	0
Mechanical and Aerospace	3	7	0	10	0	6	6	1	1	1	1

Regular Faculty FTE* by Department, Tenure Status and Rank - Fall 2016

Department	Tenured				Tenure Track			Non-Tenure Track		Term	
	Professor	Associate Professor	Assistant Professor	Total	Associate Professor	Assistant Professor	Total	Assistant Professor	Total	No Rank	Total
Chemical and Materials	2	3	0	5	0	4	4	0	0	0	0
Civil	6	5	0	11	0	3	3	0	0	0	0
Engineering Tech./Surveying	7	2	1	10	1	5	6	0	0	0	0
Industrial	0	4	0	4	0	2	2	0	0	0	0
Electrical and Computer	7	7	0	14	0	4	4	0.8	0.8	0	0
Mechanical and Aerospace	3	7	0	10	0	6	6	0.8	0.8	0.8	0.8

*Primary FTE - overload FTE is not included

Regular Faculty Headcount by Department and Tenure Status

Department	Tenure Status	Fall 2011	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
Chemical and Materials	Tenured	5	3	3	4	5	5
	Tenure Track	2	3	6	5	3	4
	Term	1	0	0	0	0	0
	Total	8	6	9	9	8	
Civil	Tenured	9	10	9	9	8	11
	Tenure Track	4	3	4	5	5	3
	Total	13	13	13	14	13	14
Engineering Technology and Surveying	Tenured	9	10	10	10	10	10
	Tenure Track	2	3	4	6	5	6
	Non-Tenure Track	1	1	1	0	0	0
	Total	12	14	15	16	15	16
Industrial	Tenured	3	4	4	4	4	4
	Tenure Track	3	2	2	2	1	2
	Total	6	6	6	6	5	6
Electrical and Computer	Tenured	15	16	18	15	14	14
	Tenure Track	5	5	3	2	3	4
	Non-Tenure Track	1	3	1	1	1	1
	Term	1	0	0	0	0	0
	Total	22	24	22	18	18	19
Mechanical and Aerospace	Tenured	11	13	12	12	10	10
	Tenure Track	6	4	4	6	7	6
	Non-Tenure Track	1	1	1	0	0	1
	Term	0	0	1	0	0	1
	Total	18	18	18	18	17	18

Regular Faculty FTE* by Department and Tenure Status

Department	Tenure Status	Fall 2011	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
Chemical and Materials Engineering	Tenured	5	3	3	4	5	5
	Tenure Track	2	3	6	5	3	4
	Term	1	0	0	0	0	0
	Total	8	6	9	9	8	9
Civil Engineering	Tenured	9	10	9	9	8	11
	Tenure Track	4	3	4	5	5	3
	Total	13	13	13	14	13	14
Engineering Technology and Surveying Engineering	Tenured	9	10	10	10	10	10
	Tenure Track	2	3	4	6	5	6
	Non-Tenure Track	1	1	1	0	0	0
	Total	12	14	15	16	15	16
Industrial Engineering	Tenured	3	4	4	4	4	4
	Tenure Track	3	2	2	2	1	2
	Total	6	6	6	6	5	6
Electrical and Computer Engineering	Tenured	15	16	18	15	14	14
	Tenure Track	5	5	3	2	3	4
	Non-Tenure Track	1	2.5	0.5	0.5	0.5	0.8
	Term	0.5	0	0	0	0	0
	Total	21.5	23.5	21.5	17.5	17.5	18.8
Mechanical and Aerospace Engineering	Tenured	11	13	12	12	10	10
	Tenure Track	6	4	4	6	7	6
	Non-Tenure Track	0.8	0.8	0.8	0	0	0.8
	Term	0	0	1	0	0	0.8
	Total	17.8	17.8	17.8	18	17	17.5

Regular Faculty Salary Statistics by 9- and 12-Month Contracts* and Rank for Each Department

Chemical and Materials Engineering

Contract Category	Rank	Statistic	Fall 2013	Fall 2014	Fall 2015	Fall 2016
12 Month Faculty	Professor	Number	1	1	1	1
		Maximum	\$148,136	\$156,130	\$163,988	\$163,988
		Minimum	\$148,136	\$156,130	\$163,988	\$163,988
		Mean	\$148,136	\$156,130	\$163,988	\$163,988
	Associate Professor	Number	1	0	0	0
		Maximum	\$91,552			
		Minimum	\$91,552			
		Mean	\$91,552			
9 Month Faculty	Professor	Number	1	1	1	1
		Maximum	\$107,020	\$115,229	\$122,634	\$122,634
		Minimum	\$107,020	\$115,229	\$122,634	\$122,634
		Mean	\$107,020	\$115,229	\$122,634	\$122,634
	Associate Professor	Number		2	3	3
		Maximum		\$91,700	\$91,700	\$91,700
		Minimum		\$87,091	\$87,091	\$87,091
		Mean		\$89,396	\$88,645	\$89,087
	Assistant Professor	Number	6	5	3	4
		Maximum	\$80,800	\$82,481	\$81,227	\$85,000
		Minimum	\$78,275	\$80,451	\$80,451	\$80,451
		Mean	\$79,692	\$81,187	\$80,710	\$81,782

Civil Engineering

Contract Category	Rank	Statistic	Fall 2013	Fall 2014	Fall 2015	Fall 2016
12 Month Faculty	Professor	Number	1	1	1	1
		Maximum	\$149,884	\$152,186	\$150,000	\$150,000
		Minimum	\$149,884	\$152,186	\$150,000	\$150,000
		Mean	\$149,884	\$152,186	\$150,000	\$150,000
9 Month Faculty	Professor	Number	5	5	5	5
		Maximum	\$116,123	\$118,435	\$118,435	\$118,435
		Minimum	\$85,540	\$87,380	\$88,141	\$94,960
		Mean	\$98,755	\$102,645	\$106,403	\$107,766
	Associate Professor	Number	4	4	3	5
		Maximum	\$85,507	\$86,184	\$86,184	\$88,396
		Minimum	\$78,936	\$80,343	\$81,313	\$81,313
		Mean	\$81,724	\$82,764	\$82,986	\$84,381
	Assistant Professor	Number	3	4	4	3
		Maximum	\$80,800	\$82,408	\$82,408	\$80,000
		Minimum	\$73,144	\$78,000	\$78,000	\$78,000
		Mean	\$77,413	\$79,470	\$79,470	\$78,972



Engineering Technology and Surveying Engineering

Contract Category	Rank	Statistic	Fall 2013	Fall 2014	Fall 2015	Fall 2016
12 Month Faculty	Professor	Number	2	2	2	2
		Maximum	\$122,656	\$124,208	\$120,361	\$120,361
		Minimum	\$76,871	\$84,761	\$90,271	\$90,271
		Mean	\$99,764	\$104,484	\$105,316	\$105,316
9 Month Faculty	Professor	Number	3	4	4	5
		Maximum	\$91,364	\$91,700	\$99,366	\$99,366
		Minimum	\$79,893	\$76,801	\$90,271	\$84,279
		Mean	\$86,925	\$85,955	\$92,961	\$91,225
	Associate Professor	Number	5	3	3	3
		Maximum	\$76,901	\$77,693	\$81,313	\$81,313
		Minimum	\$61,530	\$72,387	\$72,387	\$75,351
		Mean	\$71,424	\$75,847	\$77,054	\$78,042
	Assistant Professor	Number	5	7	6	6
		Maximum	\$75,750	\$76,542	\$76,542	\$76,542
		Minimum	\$66,979	\$67,000	\$67,000	\$67,876
		Mean	\$69,451	\$69,789	\$69,922	\$69,841



Industrial Engineering

Contract Category	Rank	Statistic	Fall 2013	Fall 2014	Fall 2015	Fall 2016
12 Month Faculty	Professor	Number	1	1	1	1
		Maximum	\$120,488	\$122,121	\$122,121	\$122,121
		Minimum	\$120,488	\$122,121	\$122,121	\$122,121
		Mean	\$120,488	\$122,121	\$122,121	\$122,121
9 Month Faculty	Associate Professor	Number	2	3	3	3
		Maximum	\$82,512	\$83,534	\$84,360	\$84,360
		Minimum	\$78,369	\$76,580	\$84,360	\$84,360
		Mean	\$80,440	\$80,010	\$84,360	\$84,360
	Assistant Professor	Number	3	2	1	2
		Maximum	\$71,089	\$70,921	\$73,241	\$73,241
		Minimum	\$70,054	\$70,858	\$73,241	\$70,000
		Mean	\$70,399	\$70,889	\$73,241	\$71,621



Electrical and Computer Engineering

Contract Category	Rank	Statistic	Fall 2013	Fall 2014	Fall 2015	Fall 2016
12 Month Faculty	Professor	Number	1	1	1	1
		Maximum	\$150,889	\$154,372	\$156,340	\$156,340
		Minimum	\$150,889	\$154,372	\$156,340	\$156,340
		Mean	\$150,889	\$154,372	\$156,340	\$156,340
	Assistant Professor	Number	1	1	1	1
		Maximum	\$50,703	\$51,455	\$51,455	\$77,183
		Minimum	\$50,703	\$51,455	\$51,455	\$77,183
		Mean	\$50,703	\$51,455	\$51,455	\$77,183
9 Month Faculty	Professor	Number	8	7	6	6
		Maximum	\$114,841	\$116,479	\$117,255	\$117,255
		Minimum	\$98,848	\$108,599	\$117,255	\$116,479
		Mean	\$106,161	\$111,481	\$117,255	\$117,125
	Associate Professor	Number	9	7	7	7
		Maximum	\$92,956	\$89,947	\$89,947	\$89,947
		Minimum	\$80,672	\$82,443	\$85,629	\$85,629
		Mean	\$86,551	\$86,526	\$87,145	\$87,145
	Assistant Professor	Number	3	2	3	4
		Maximum	\$83,797	\$84,875	\$84,875	\$86,500
		Minimum	\$82,170	\$83,374	\$83,374	\$83,374
		Mean	\$82,760	\$84,124	\$83,916	\$84,562

Mechanical and Aerospace Engineering

Contract Category	Rank	Statistic	Fall 2013	Fall 2014	Fall 2015	Fall 2016
12 Month Faculty	Professor	Number				1
		Maximum				\$155,000
		Minimum				\$155,000
		Mean				\$155,000
	Associate Professor	Number	1	1	1	0
		Maximum	\$121,200	\$123,061	\$124,875	
		Minimum	\$121,200	\$123,061	\$124,875	
		Mean	\$121,200	\$123,061	\$124,875	
9 Month Faculty	Professor	Number	2	1	2	2
		Maximum	\$103,335	\$106,624	\$111,721	\$111,721
		Minimum	\$66,751	\$106,624	\$97,016	\$103,835
		Mean	\$85,043	\$106,624	\$104,368	\$107,778
	Associate Professor	Number	9	9	7	7
		Maximum	\$90,882	\$91,943	\$93,409	\$93,409
		Minimum	\$79,333	\$80,934	\$85,437	\$85,437
		Mean	\$83,877	\$84,950	\$87,814	\$86,957
	Assistant Professor	Number	5	7	7	7
		Maximum	\$80,800	\$83,000	\$83,000	\$83,000
		Minimum	\$77,735	\$80,934	\$80,934	\$62,414
		Mean	\$79,531	\$82,153	\$82,303	\$79,520
	Term	Number	1	0	0	1
		Maximum	\$56,000			\$62,414
		Minimum	\$56,000			\$62,414
		Mean	\$56,000			\$62,414

**The data element clarifying contract status was not consistent prior to Fall 2013 and therefore, Fall 2011 and Fall 2012 have not been included in this table*

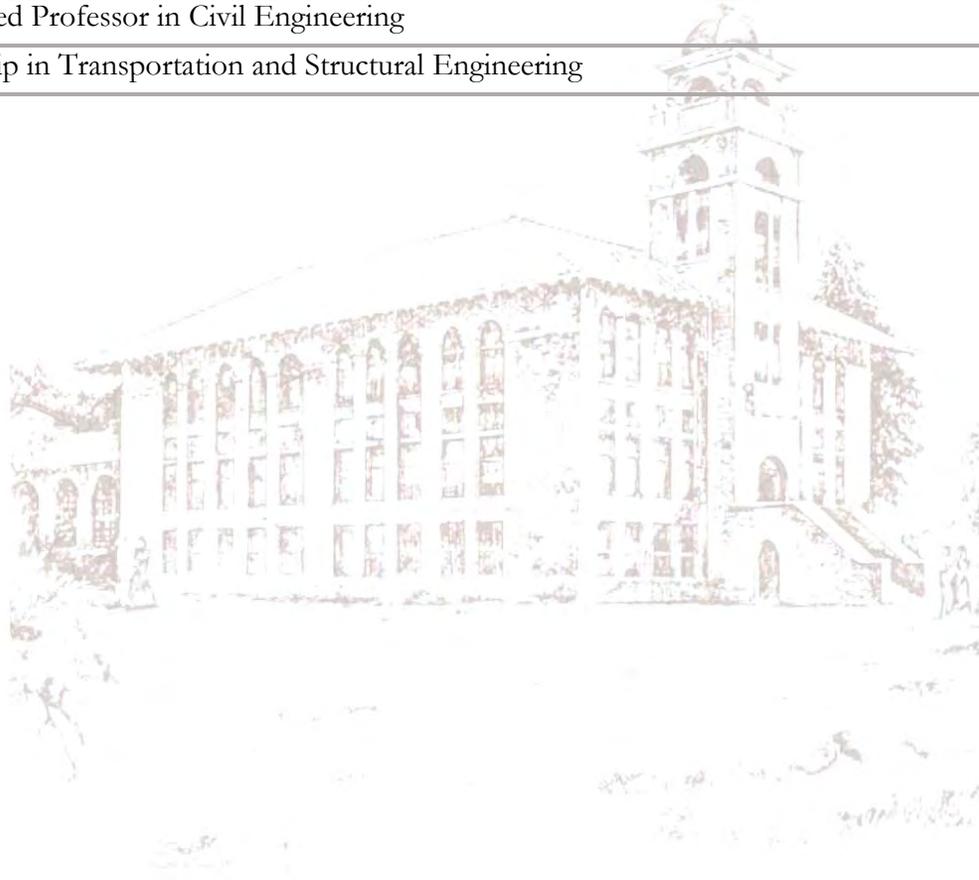
Chairs

William Kersting Endowed Chair in Power Systems Engineering	Sukumar Brahma
Frank Carden Endowed Chair in Telemetry and Telecommunications	Charles Creusere
Ed and Harold Foreman Endowed Chair in Civil Engineering	Nagamany Nirmalakhandan
PNM Endowed Chair in Utility Management	Satish Ranade

Professorships

John Clark Professorship	Phil King
Dwight L. and Audrey Graham Chapman Endowed Professorship in Mechanical Engineering	Igor Sevostianov
Robert Davis Distinguished Professorship in Chemical Engineering	David Rockstraw
Dyrud Professorship in Engineering Excellence	(pending completion)
Ed Foreman Endowed Professorship for Excellence in Civil Engineering	David Jáuregui
Harold Foreman Endowed Professorship for Excellence in Civil Engineering	Zohrab Samani
International Foundation for Telemetry Professorship in Telecommunications	Deva Borah
William Kersting Endowed Professorship in Power Systems Engineering	Phillip DeLeon
Paul W. and Valerie Klipsch Distinguished Professorships in the Klipsch School of Electrical and Computer Engineering	Steven J. Stochaj Wei Tang David Voelz
George W. Lucky Endowed Professorship for Excellence in Engineering Education	(pending completion)
Mechanical and Aerospace Engineering Academy Endowed Distinguished Professorship	TBA
Dr. John Minor P.E. Memorial Endowed Professorship	(pending completion)

The Forrest Mooney Endowed Professorship in Aerospace Engineering	TBA
Robert G. Myers Professorship in Mechanical Engineering	Ruey-Hung Chen
John Kaichiro Nakayama and Tome Miyaguchi Nakayama Professorship for Research Excellence	Ou Ma
John Kaichiro Nakayama and Tome Miyaguchi Nakayama Professorship for Teaching Excellence	Paul Furth
Luke Barry Shires Endowed Professorship in Chemical and Materials Engineering	Hongmei Luo
PECSO Endowed Professorship in Water Quality and Reclamation Research	(pending completion)
Wells-Hatch Family Endowed Professor in Civil Engineering	Paola Bandini
Kenneth White Professorship in Transportation and Structural Engineering	(pending completion)

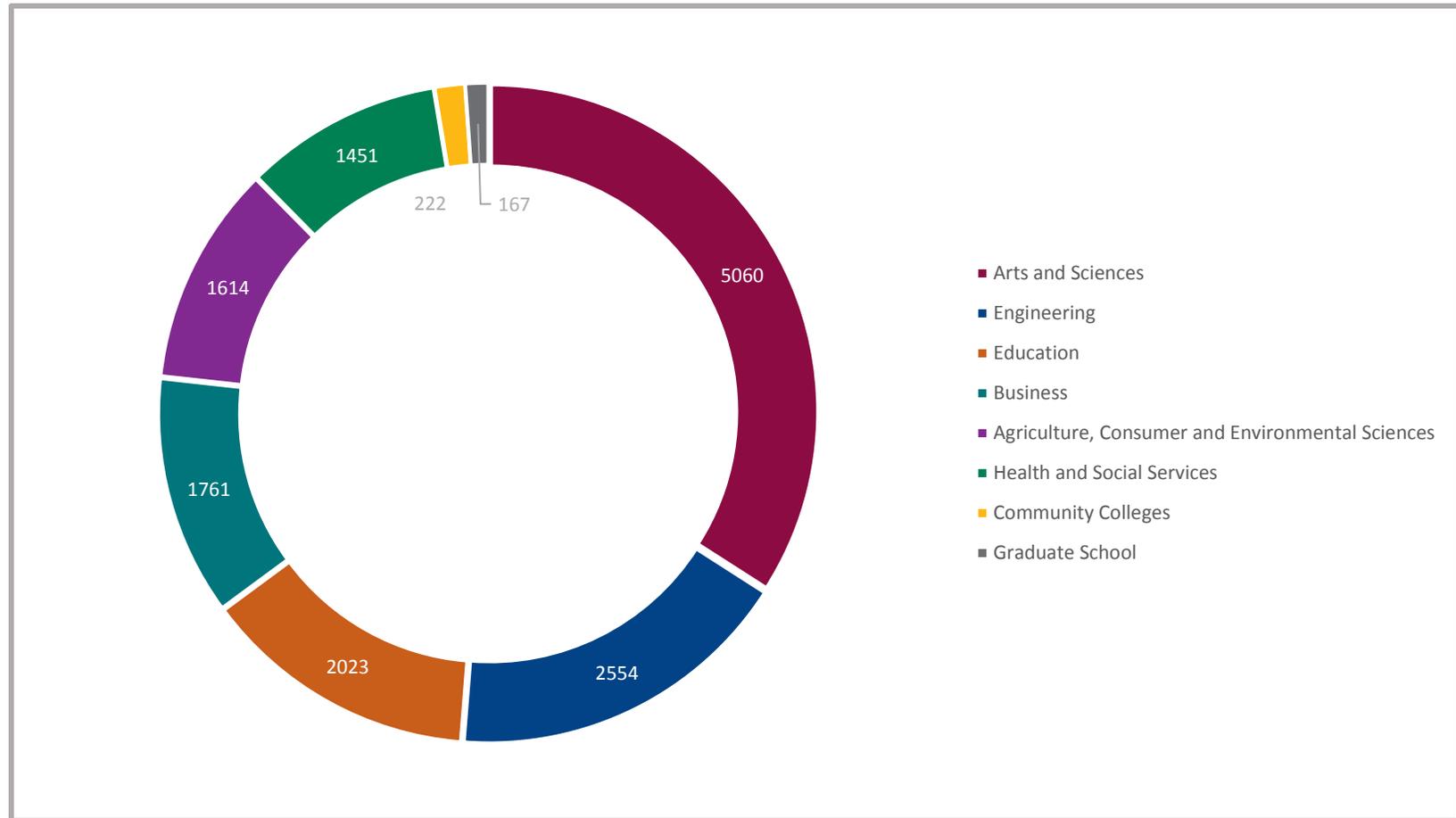


STUDENT COMPOSITION

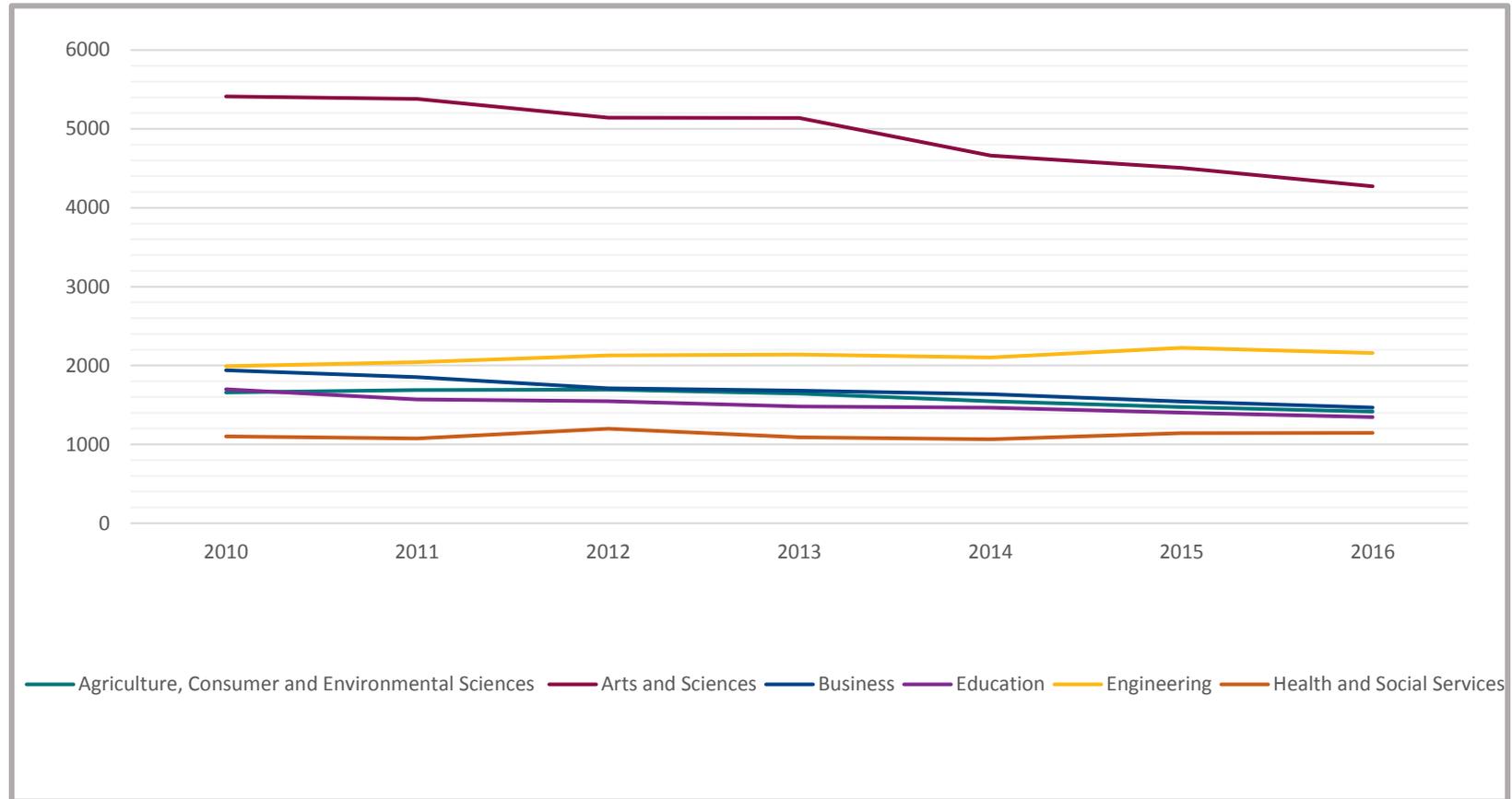
Source: NMSU Office of Institutional Analysis



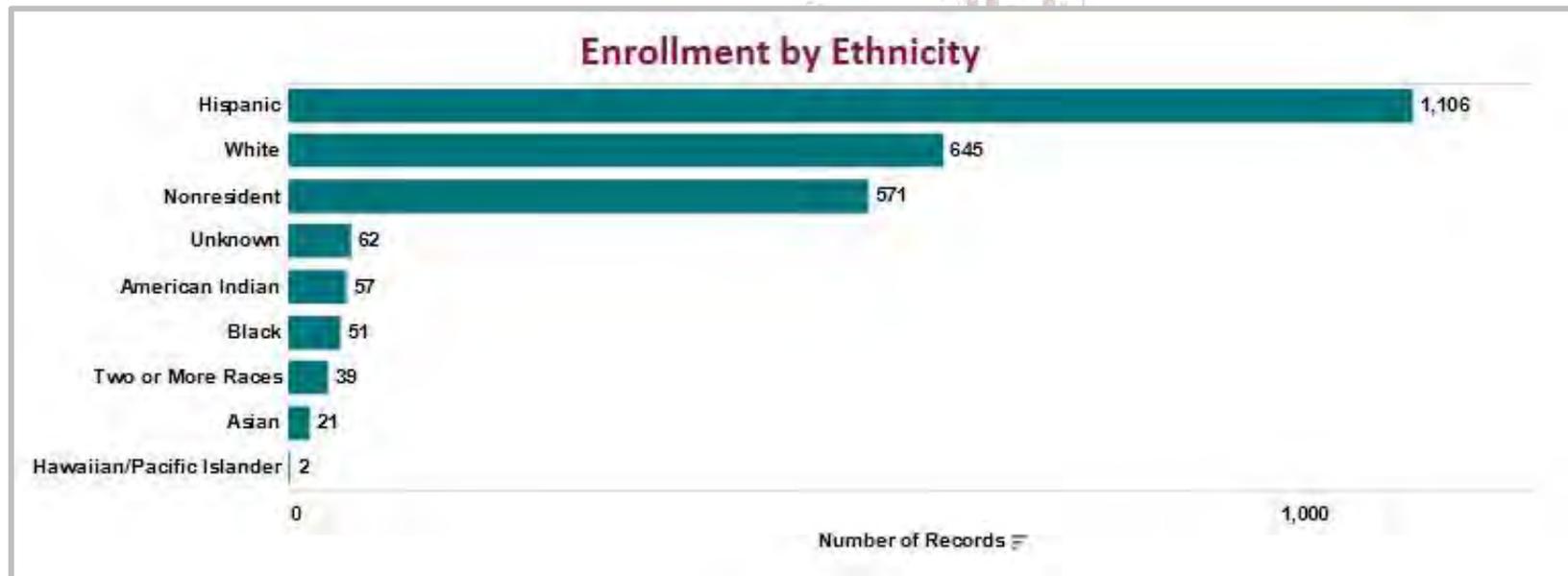
NMSU Fall 2016 Enrollment by College



NMSU 2010-2016 Undergraduate Enrollment by College

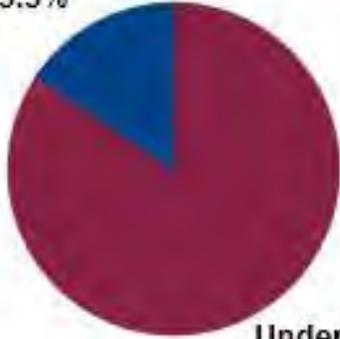


Fall 2016 Engineering Statistics



Enrollment by Level

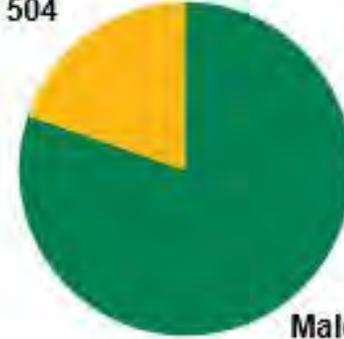
Graduate
396
15.5%



Undergraduate
2,158
84.5%

Enrollment by Gender

Female
504



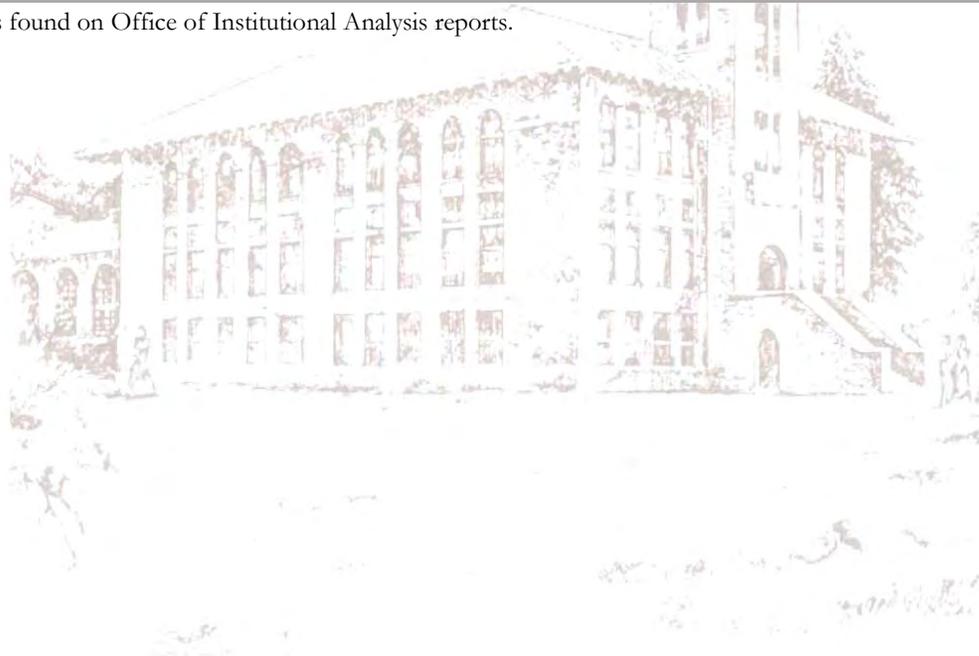
Male
2,050



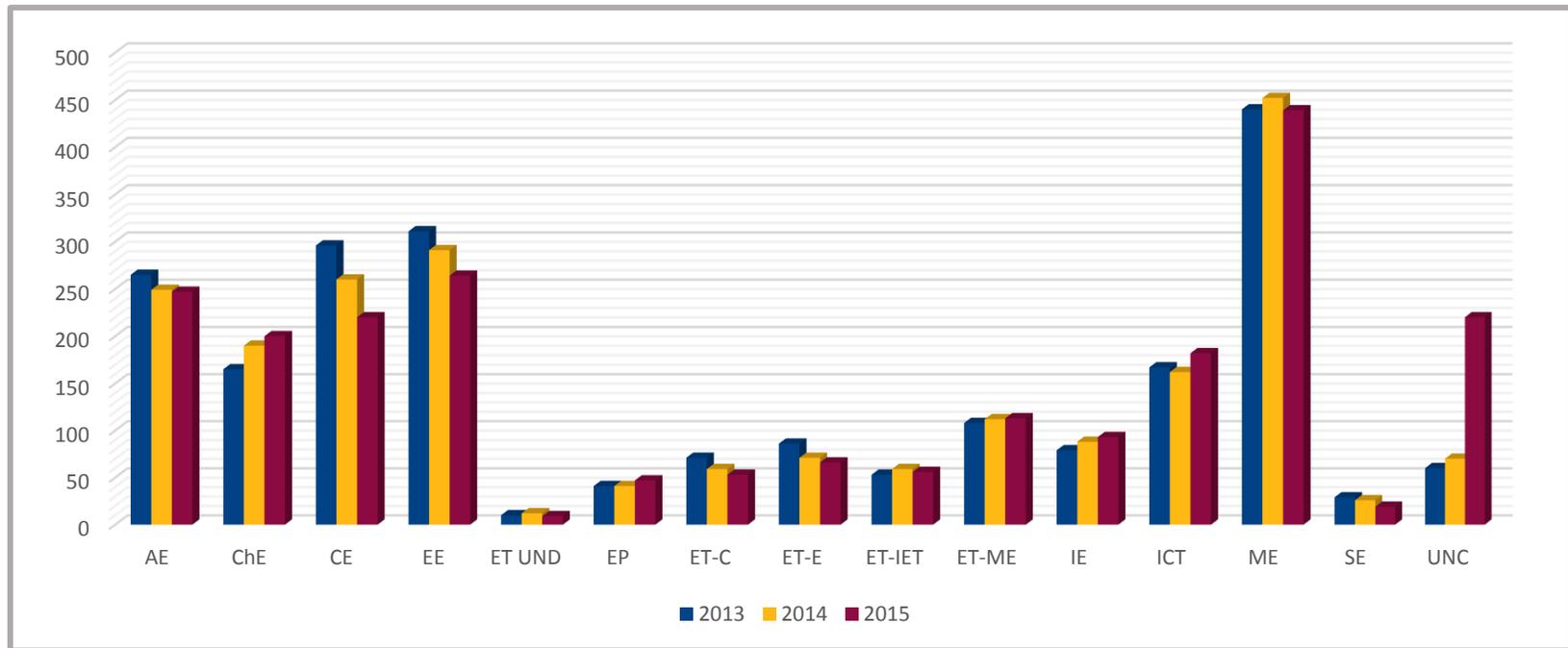
Engineering Student Statistics

	2010	%	2011	%	2012	%	2013	%	2014	%	2015	%	2016	%
Male	1965	80%	1979	81%	2107	82%	2106	82%	2073	81%	2123	80%	2050	80%
Female	459	20%	474	19%	463	18%	469	18%	483	19%	534	20%	504	20%
Total*	2324		2453		2570		2575		2607		2657		2554	
Undergraduate	1982	81%	2059	82%	2154	82%	2144	83%	2107	82%	2228	84%	2158	85%
Graduate	436	18%	419	17%	462	17%	441	17%	461	18%	434	16%	396	15%
Non Degree	19	1%	21	1%	24	1%	0	0%	0	0%	0	0%	0	0%
Total*	2437		2499		2640		2585		2568		2662		2554	
Hispanic	994	41%	1025	41%	1082	41%	1060	42%	1053	41%	1065	40%	1098	43%
NM Resident	1746	72%	1724	69%	1742	66%	1680	65%	1618	63%	1624	61%	1584	62%

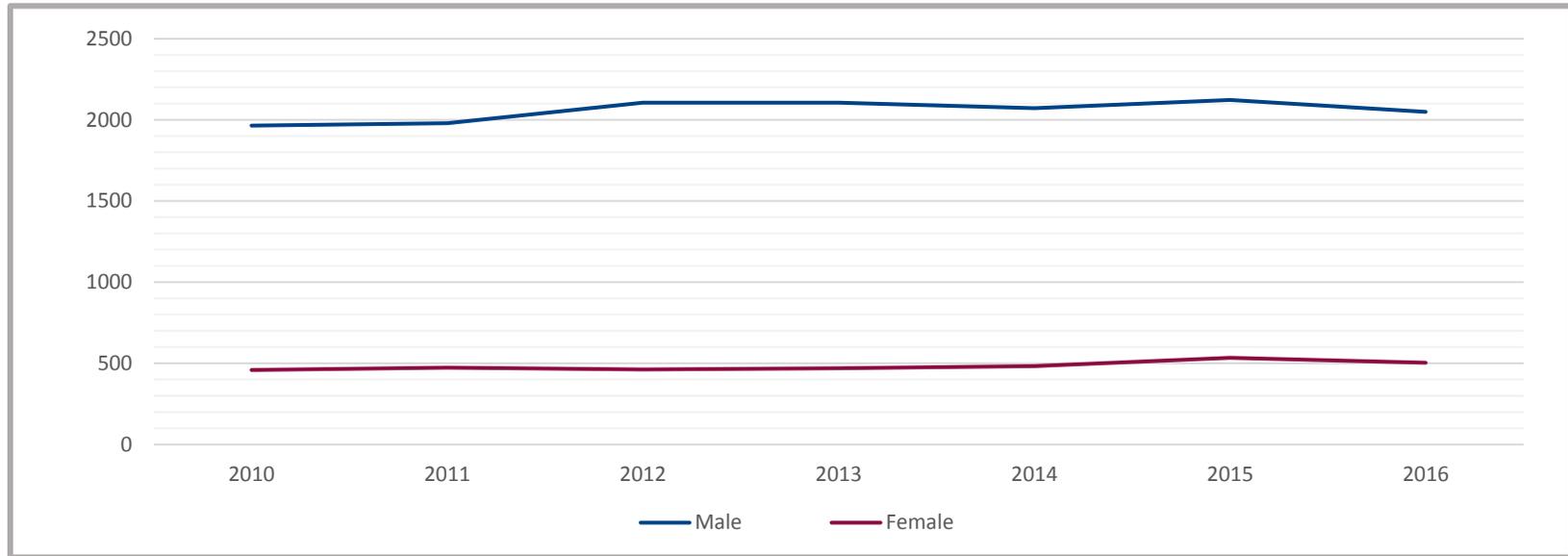
* Totals presented as found on Office of Institutional Analysis reports.



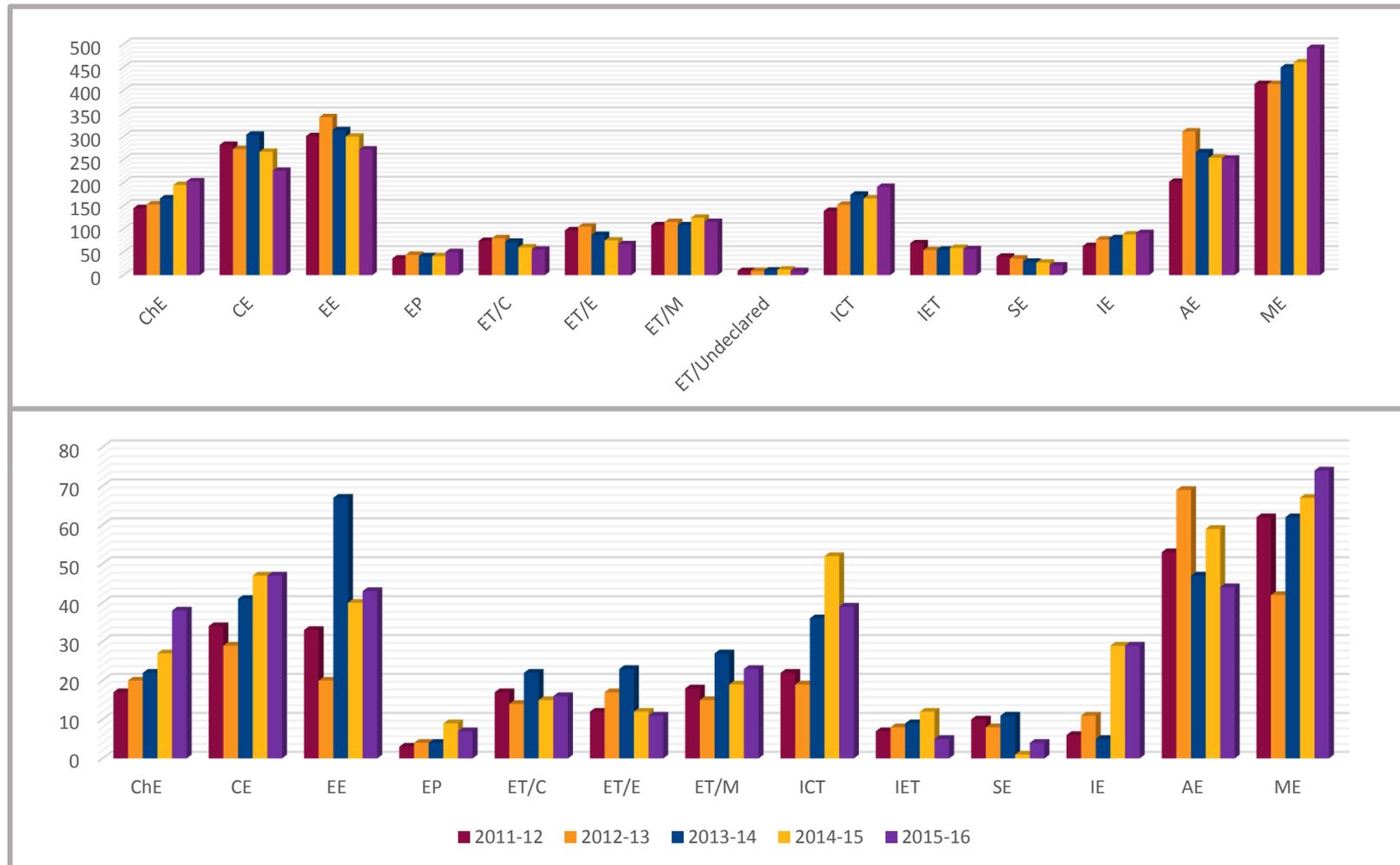
Engineering Undergraduate Enrollment by Program



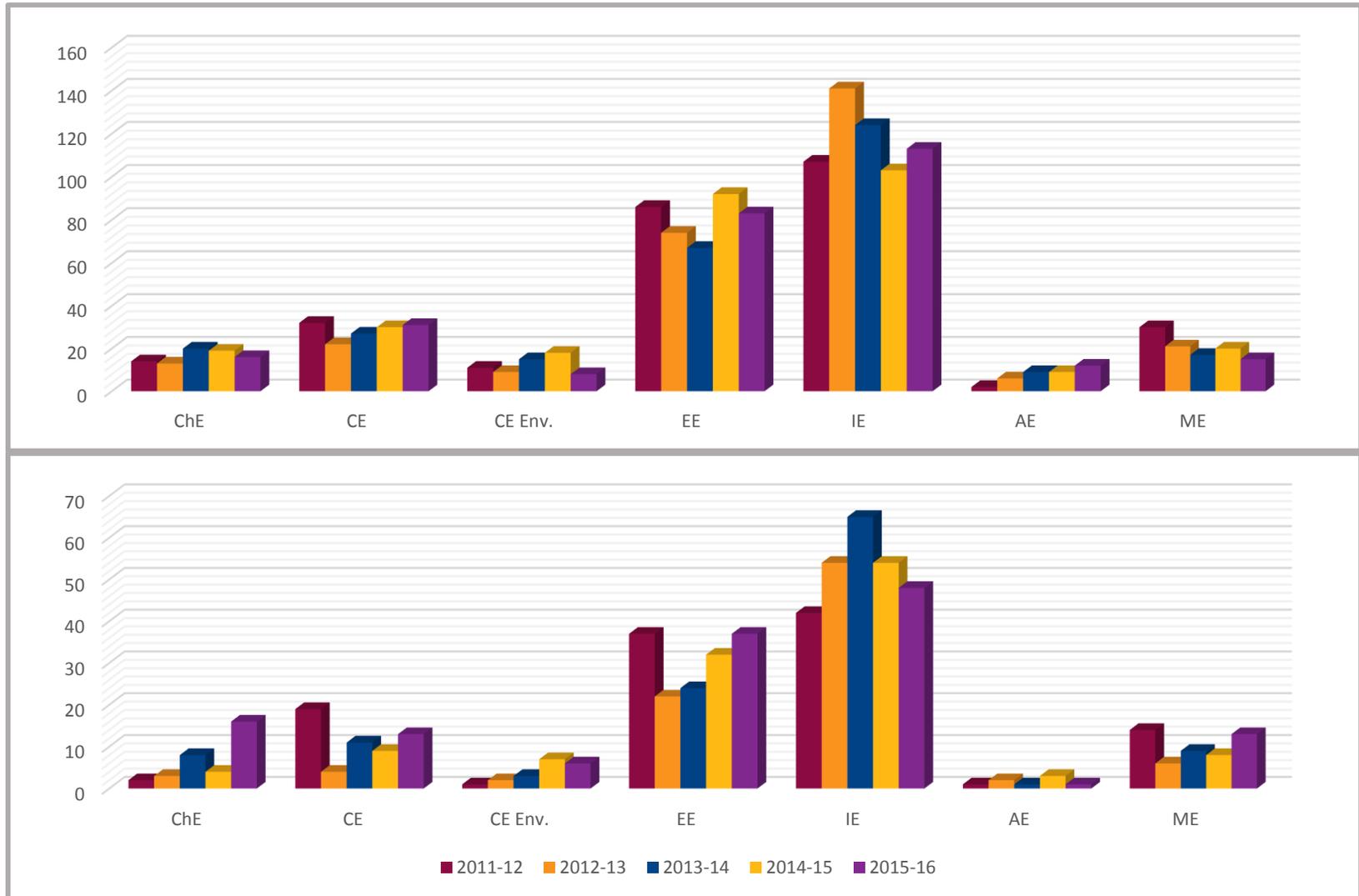
Engineering Undergraduate Enrollment Gender 2010-2016



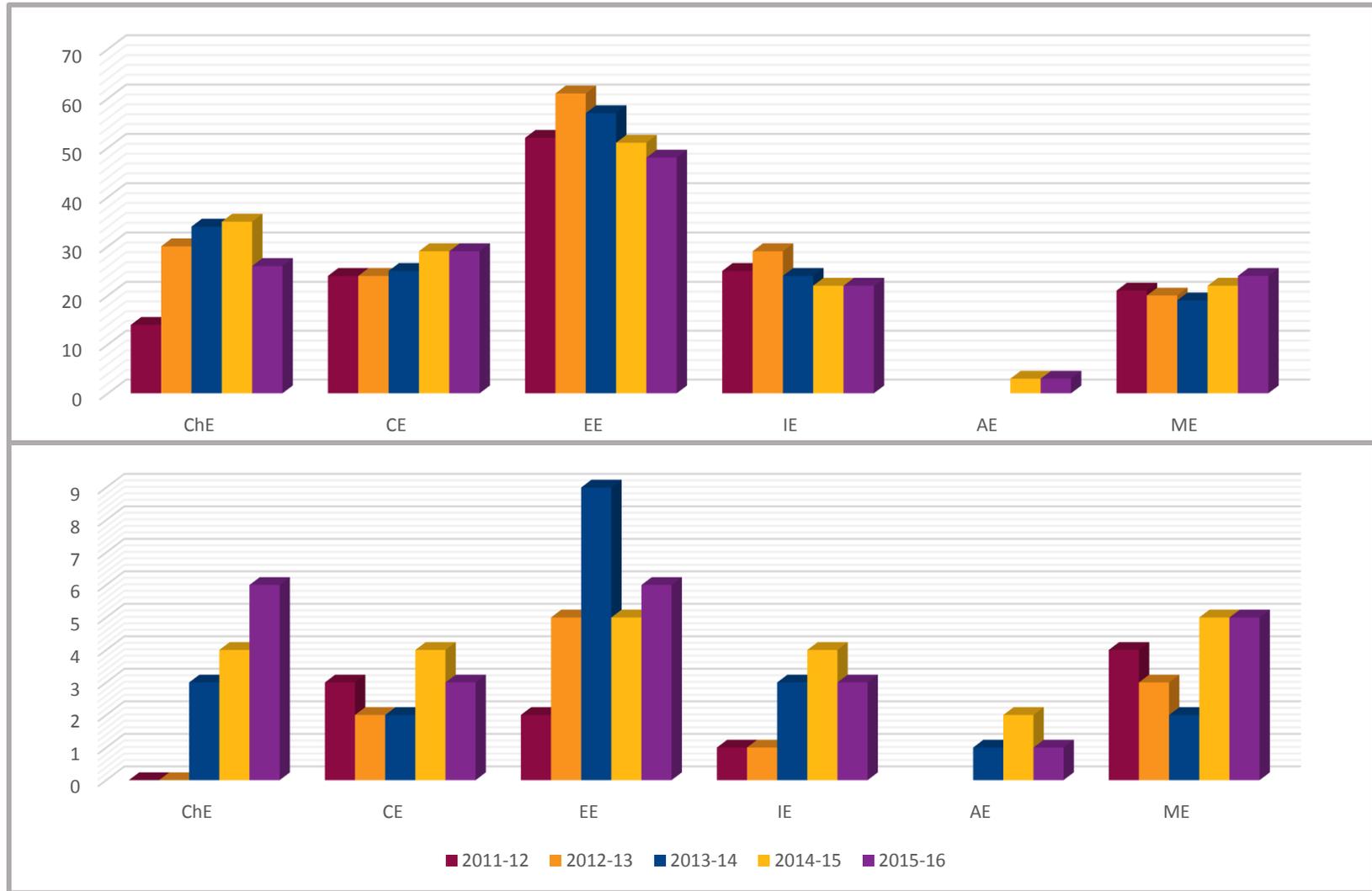
Engineering Undergraduate Enrollment/Degrees Granted by Fiscal Year



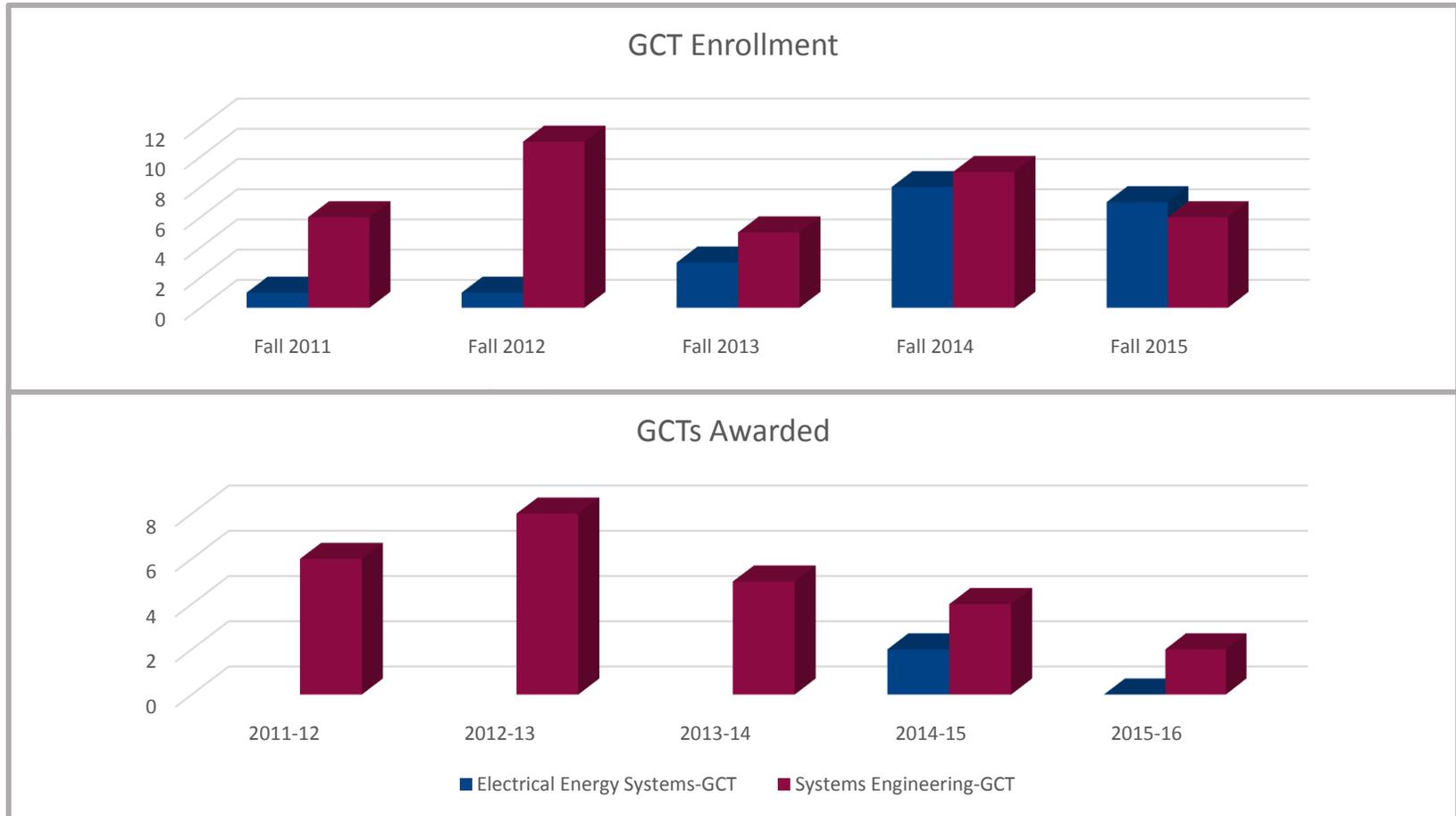
Engineering MS Enrollment/Degrees Granted by Fiscal Year



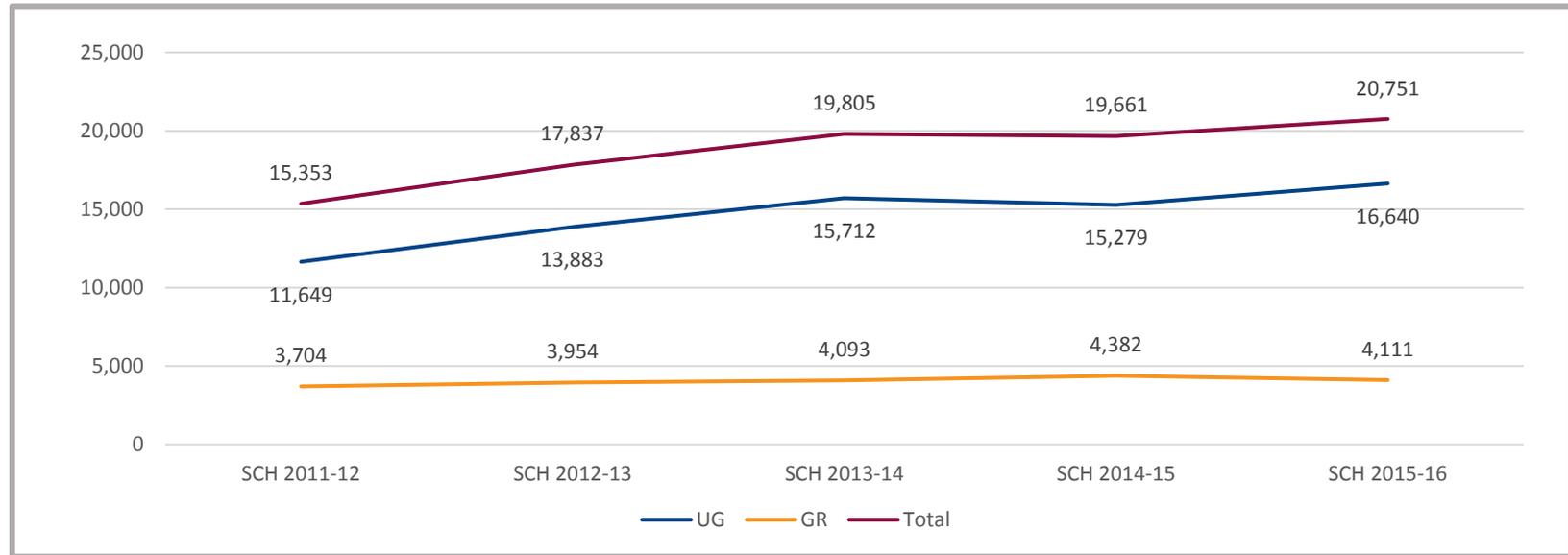
Engineering Ph.D. Enrollment/Degrees Granted by Fiscal Year



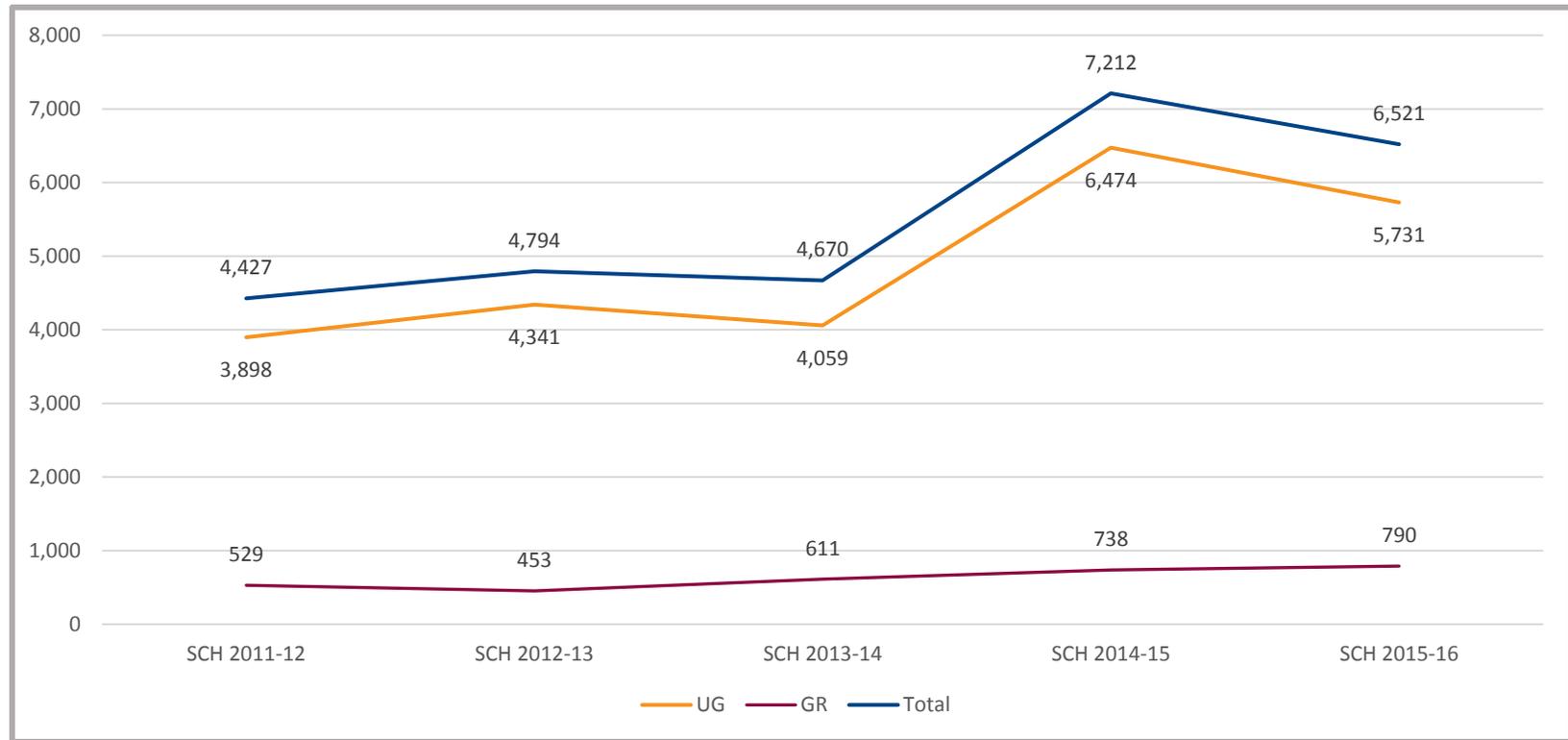
Engineering Graduate Certificates Enrollment/Certificates Awarded



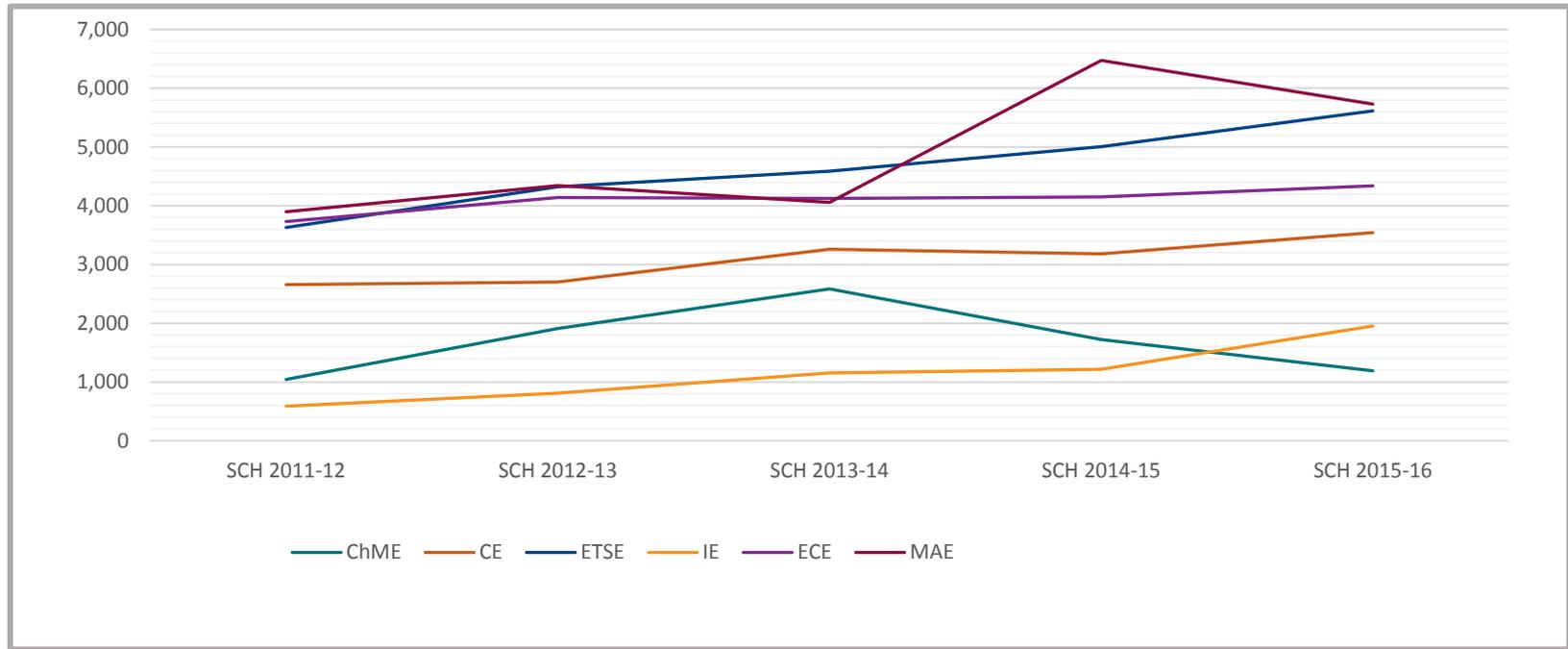
NMSU Student Credit Hours by Academic Year



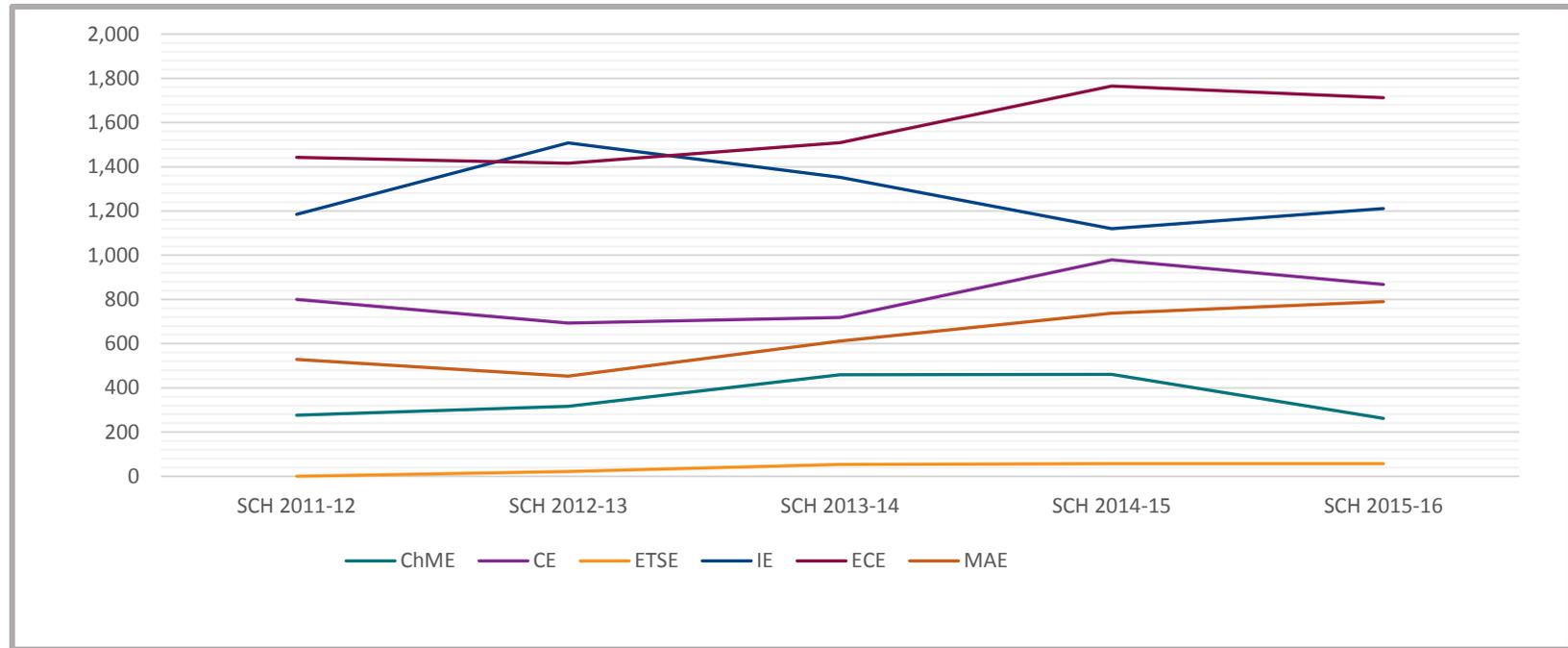
Engineering Total Student Credit Hours



Engineering Undergraduate Student Credit Hours by Department

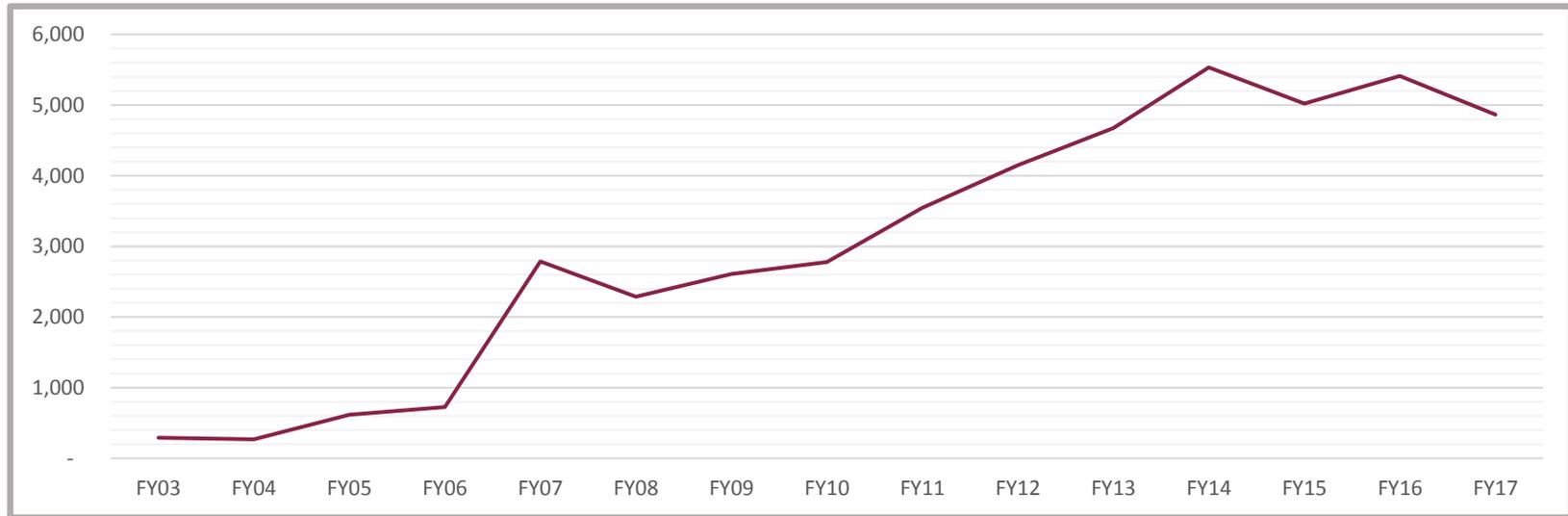


Engineering Graduate Student Credit Hours by Department

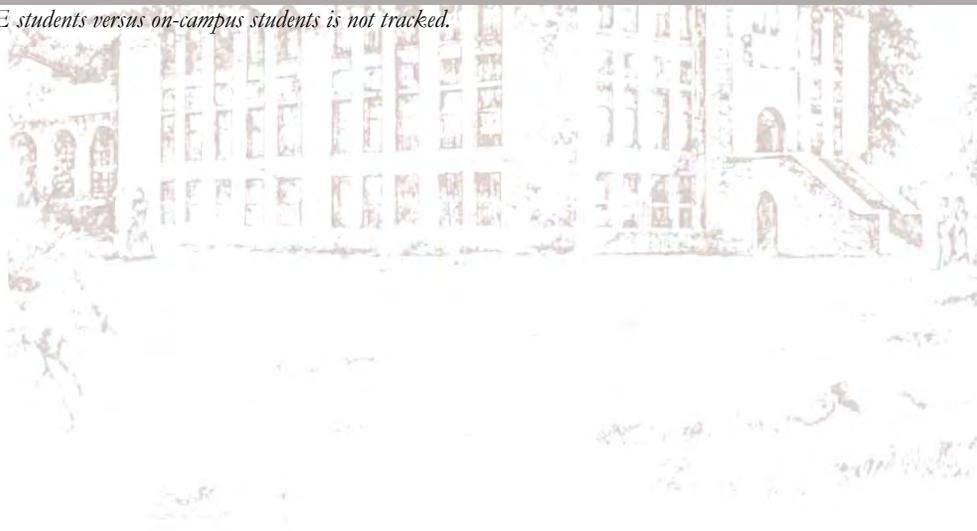


Engineering Distance Education Program Student Credit Hours

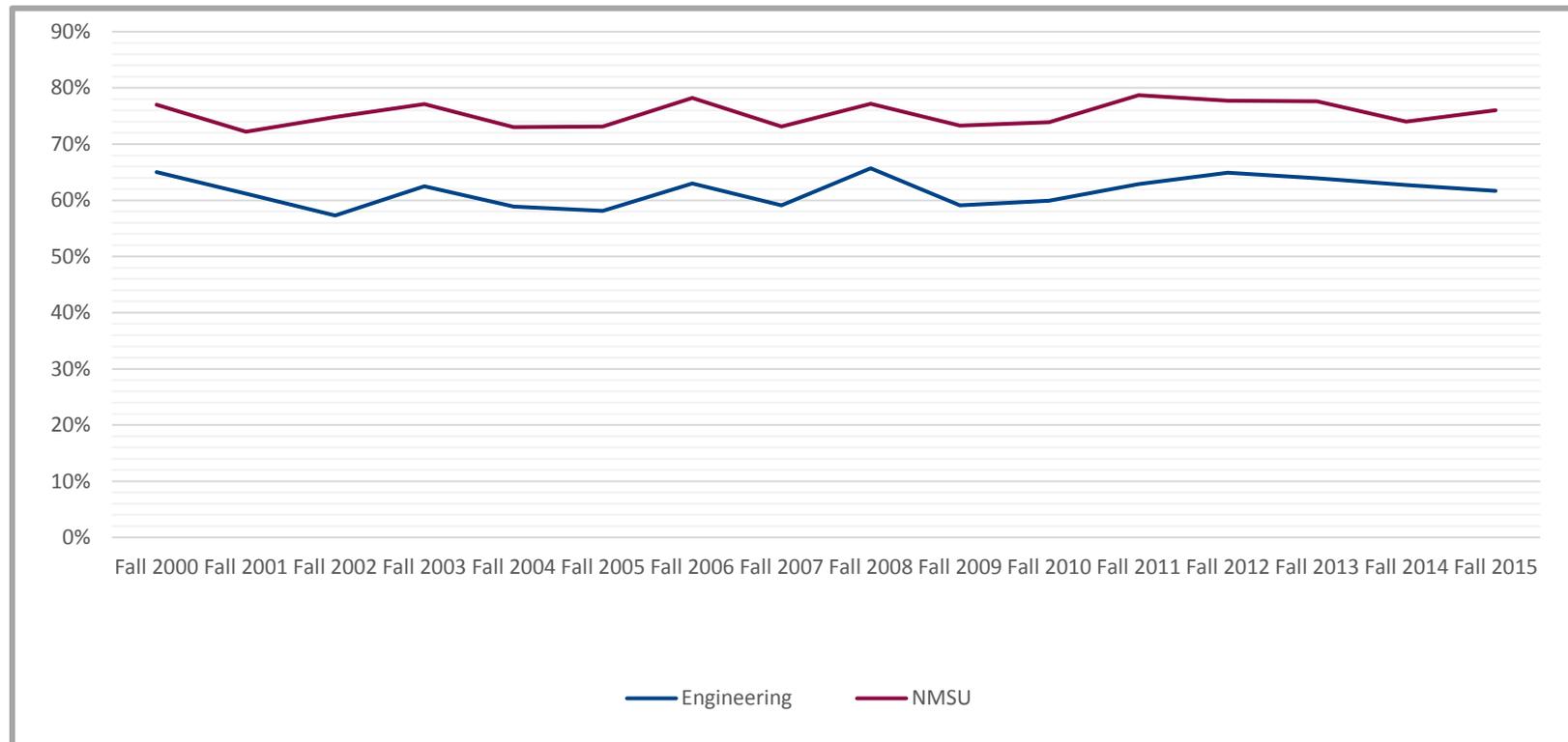
Source: COE Distance Education Program



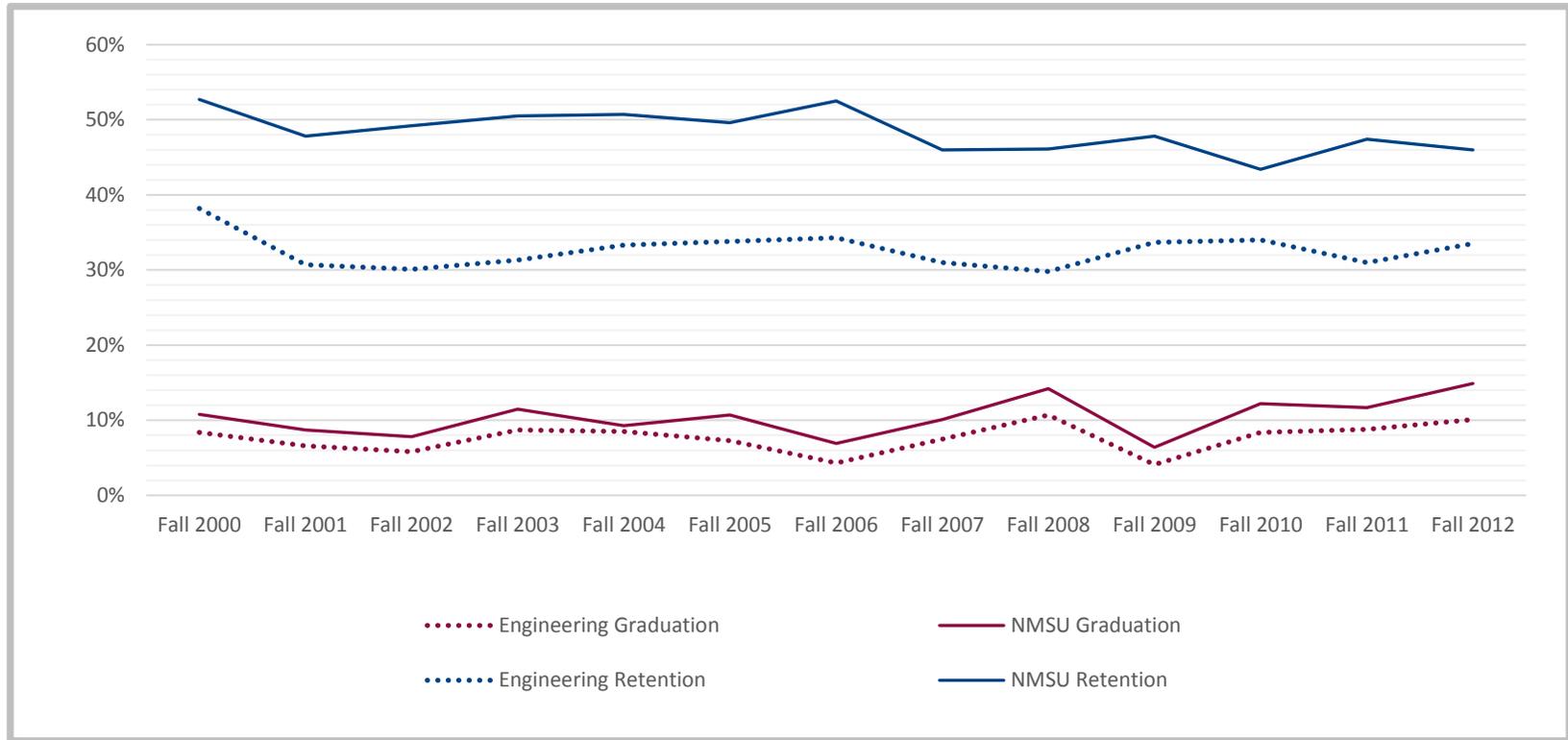
Number of students registered as DE students versus on-campus students is not tracked.



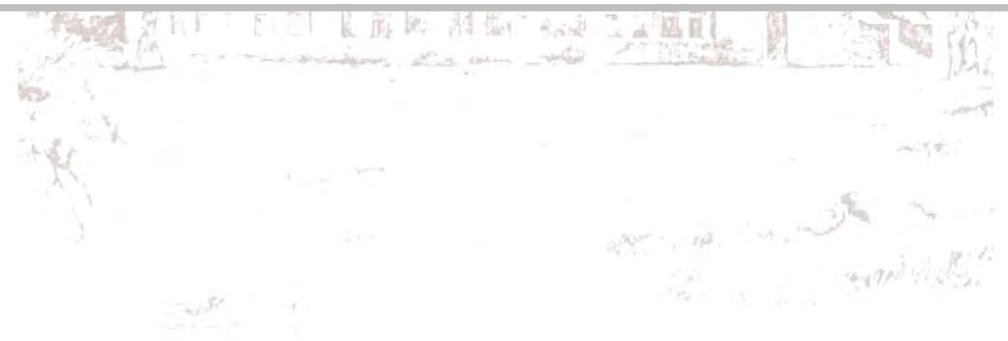
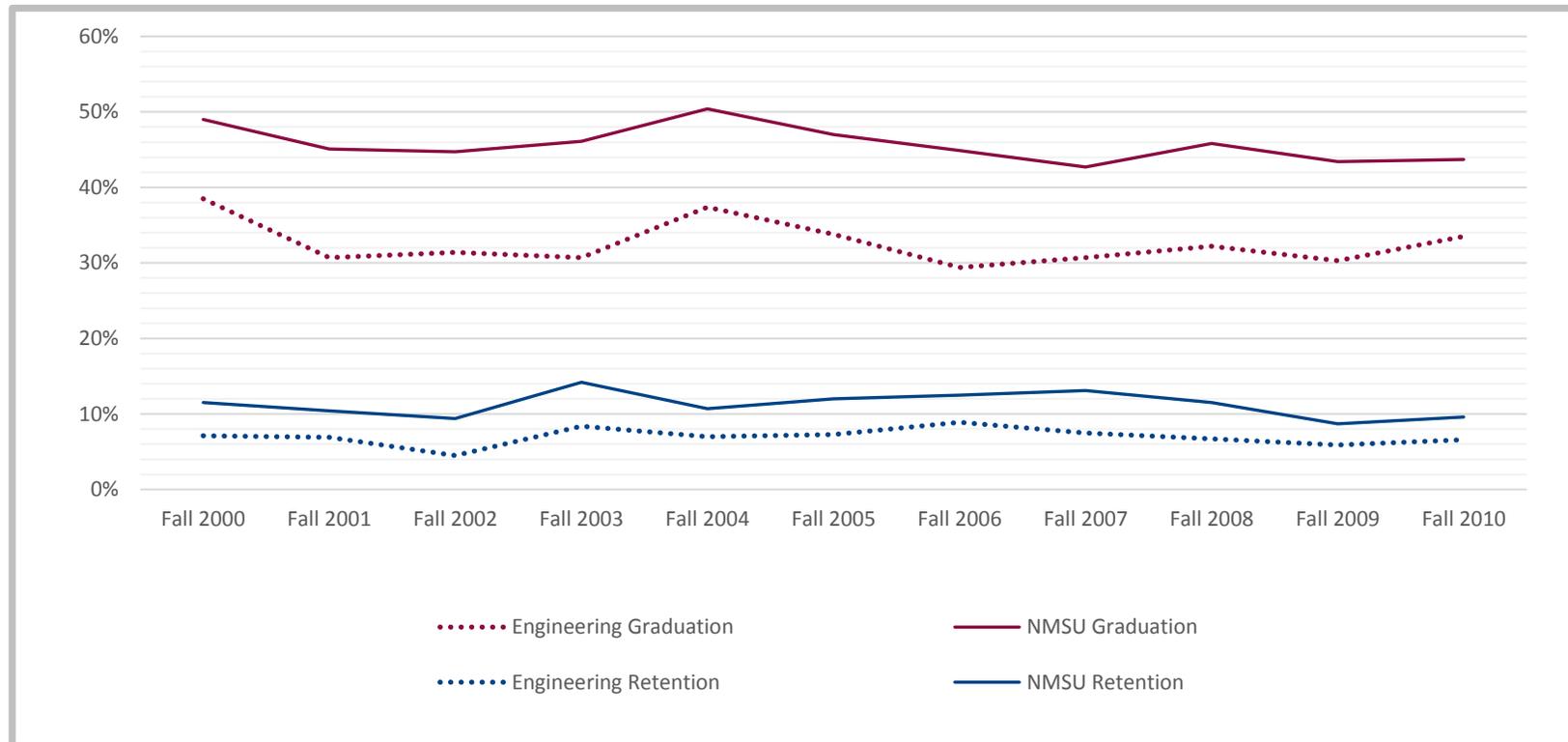
Engineering/NMSU First-Year Retention Rates



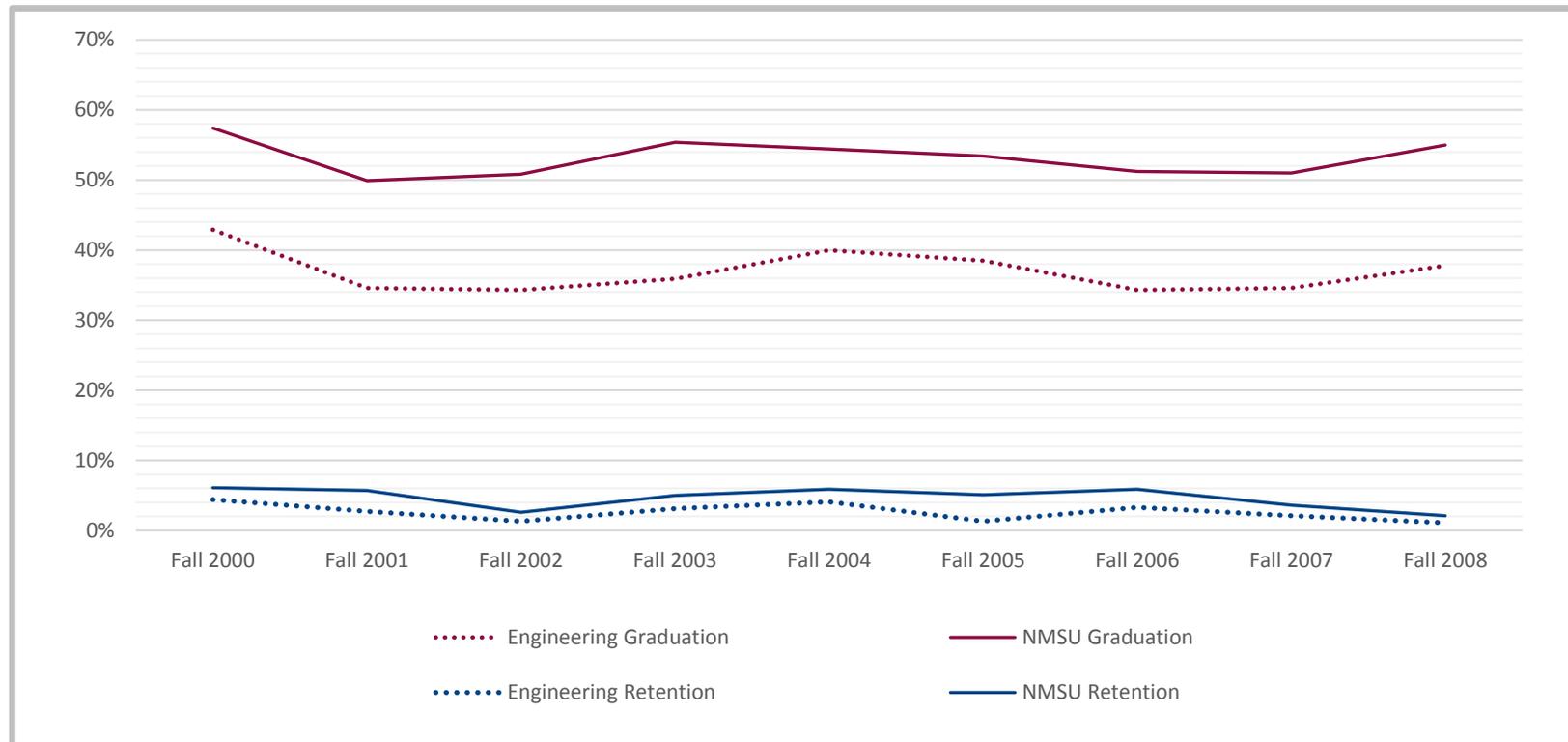
Engineering/NMSU Fourth-Year Graduation/Retention Rates



Engineering/NMSU Sixth-Year Graduation Retention Rates



Engineering/NMSU Eighth-Year Graduation/Retention Rates



RESEARCH DATA



Engineering Research Centers and Laboratories

Carlsbad Environmental Monitoring and Research Center (CEMRC)	Russell Hardy	rhardy@nmsu.edu	575-234-5555
<p>CEMRC, a division of the College of Engineering, is a radiochemistry facility that can perform a wide range of environmental and radiochemistry work. CEMRC's programs include environmental monitoring of almost any radiological and inorganic constituent; actinide chemistry and repository science particularly concerning the environmental behavior of Pu, Am, U and Np; dirty bomb mitigation research and training particularly for ¹³⁷Cs and ⁶⁰Co, head space gas and volatile organic compound (VOC) analyses; <i>in vivo</i> and <i>in vitro</i> bioassay, whole body dosimetry, military small arms range clean-up, evaluation and design of innovative treatment technologies, and soil, water, air and waste characterization.</p>			
Center for Bio-Mediated and Bio-Inspired Geotechnics (CBBG)	Paola Bandini	paola@nmsu.edu	575-646-2471
<p>The goal of CBBG is to develop and implement into practice nature-inspired sustainable solutions to geotechnical engineering and infrastructure problems in four research thrust areas. The center-wide thrust areas include hazard mitigation, infrastructure construction, resource recovery and environmental protection and restoration.</p>			
Center for Telemetry and Telemetering	Charles Creusere	cceusere@nmsu.edu	575-646-3919
<p>The Center for Telemetry and Telemetering hosts the Manuel Lujan, Jr. Space Tele-Engineering Program and the Frank Carden Chair for Telemetry and Telemetering. Faculty and staff in the center are involved in education and research programs focusing on telecommunications, communication theory, coding and information theory, wireless networks, digital signal processing, optical and radio frequency communications and digital image processing. The center has several major research sponsors including NASA, the Department of Defense, and the National Science Foundation.</p>			
Engineering New Mexico Resource Network (ENMRN)	Patricia Sullivan	patsulli@nmsu.edu	575-646-2913
<p>The Engineering New Mexico Resource Network provides statewide engineering-based outreach and public service programs. Through collective impact, Engineering New Mexico leverages a network of industry, community, and academic partners to solve problems that improve the quality of life, promote economic development, and enhance educational systems across New Mexico. The program delivers a range of engineering programs and services to businesses, government agencies, teachers and K-16 students.</p>			

Interdisciplinary Center of Research in Design of Intelligent Technologies for Smart Grids (iCREDITS)	Satish Ranade	sranade@nmsu.edu	575-646-3117
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iCREDITS was established at NMSU in 2014 with a grant awarded from the National Science Foundation. The center brings together experts in electrical engineering, computer science, mathematics, management and education. Its goal is to serve as a new epicenter for research and training in smart grids.

Manufacturing Technology and Engineering Center (M-TEC)	Tom Jenkins	tjenkins@nmsu.edu	575-646-3847
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The Manufacturing Technology and Engineering Center is funded through the state's the Manufacturing Sector Development Program. M-TEC helps businesses and entrepreneurs with a vast array of projects and products providing technical assistance in the form of engineering, design, analyses and product development. M-TEC is a recognized leader in prototyping and concept validation. M-TEC has created a synergistic environment which allows students to gain valuable work experience while they are in school.

New Mexico Alliance for Minority Participation (NM AMP)	James P. King	jpking@nmsu.edu	575-646-5377
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NMAMP is a statewide partnership of universities and colleges with a goal to increase the number of underrepresented minority students who successfully complete their B.S. degrees in the STEM disciplines. New Mexico AMP supports targeted students through a broad range of activities.

Office of Engineering Research (OER)	Phillip De Leon	pdeleon@nmsu.edu	575-646-3771
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The Office of Engineering Research supports faculty in both pre- and post-award phases of externally-funded research. In the pre-award phase, the OER assists faculty in identifying potential sources of funding and grant opportunities, proposal preparation and assistance, and submission of the research proposal in coordination with the Office of Grants and Contracts. In the post-award phase, the OER assists faculty in managing the contractual, financial, and reporting aspects of the research grant.

Engineering Research Center for Re-inventing the Nation's Urban Water Infrastructure (ReNUWIt)	Nagamany Nirmalakhadan	nkhandan@nmsu.edu	575-646-5378
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Re-NUWIt is a multi-institution research center whose goal is to change the ways in which we manage urban water. Our vision is of safe, sustainable urban water infrastructures enabled by technological advances in natural and engineered systems and informed by a deeper understanding of institutional frameworks. It is funded by the National Science Foundation. The partners include Stanford University (lead) and the University of California Berkeley.

Southwest Technology Development Institute (SWTDI)

John Wiles

jwiles@nmsu.edu

575-646-3705

The SWTDI is a non-profit, university-based organization that provides applied research and development services to private and public sector clients. SWTDI was established in 1977 as the New Mexico Solar Energy Institute and has active research programs in energy and related systems. SWTDI provides training and contract engineering services for systems analysis, hardware development and evaluation, feasibility studies, computer modeling and informational kiosks. SWTDI performs contract engineering for a wide variety of private and public sector clients, including research organizations, utility companies, and local, state and federal agencies.

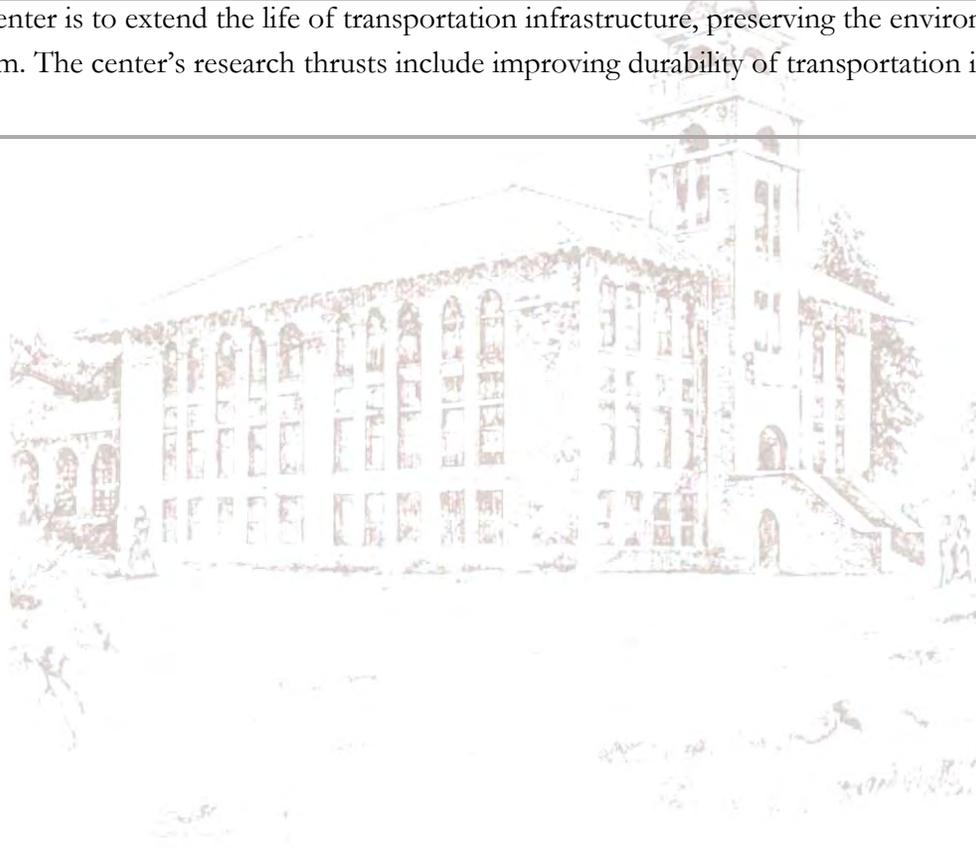
Transportation Consortium of South-Central States (Tran-SET)

Craig Newton

newton@nmsu.edu

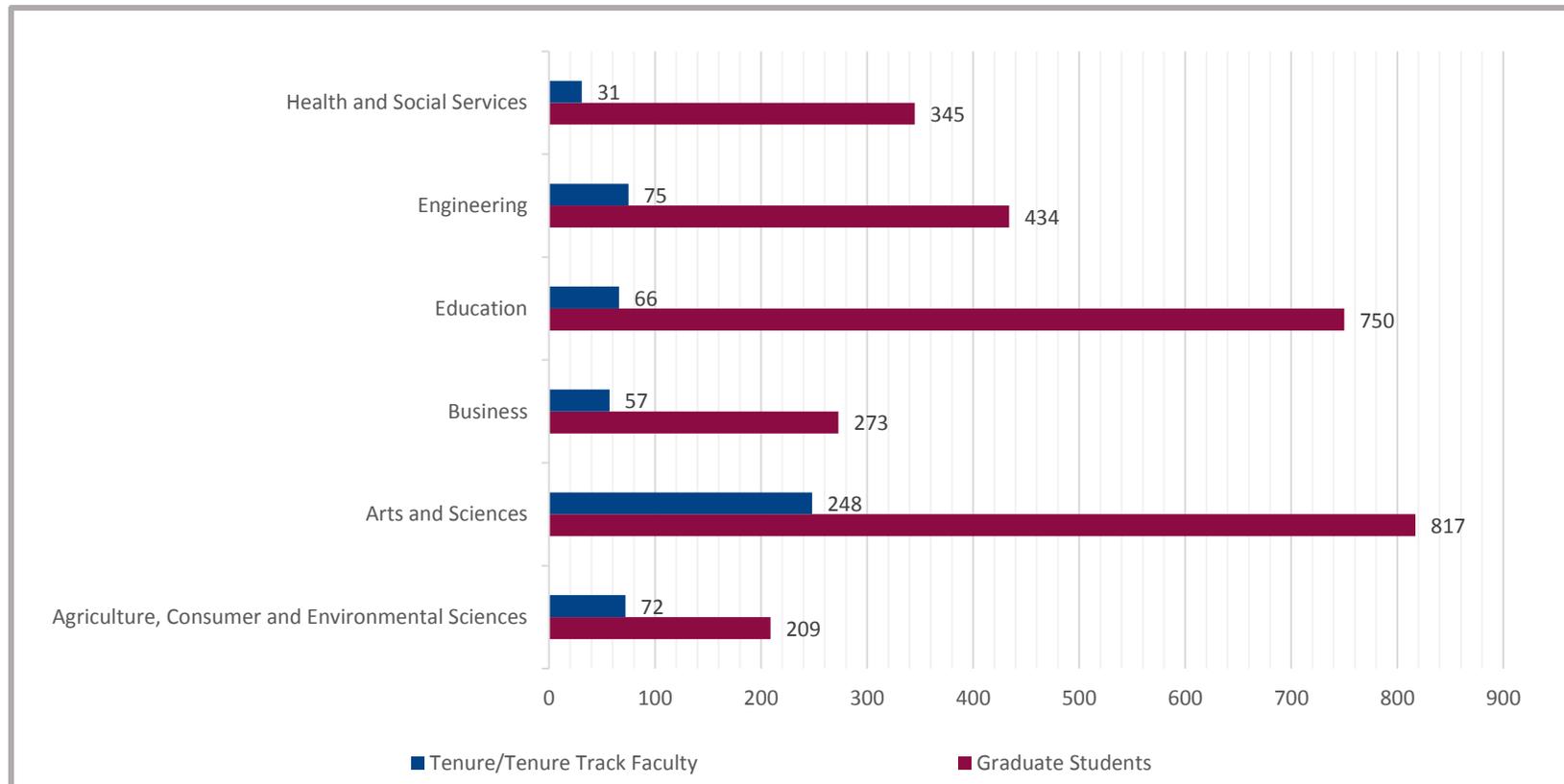
575-646-3034

The goal of the Tran-SET center is to extend the life of transportation infrastructure, preserving the environment and preserving the existing transportation system. The center's research thrusts include improving durability of transportation infrastructure, pavement and bridges.



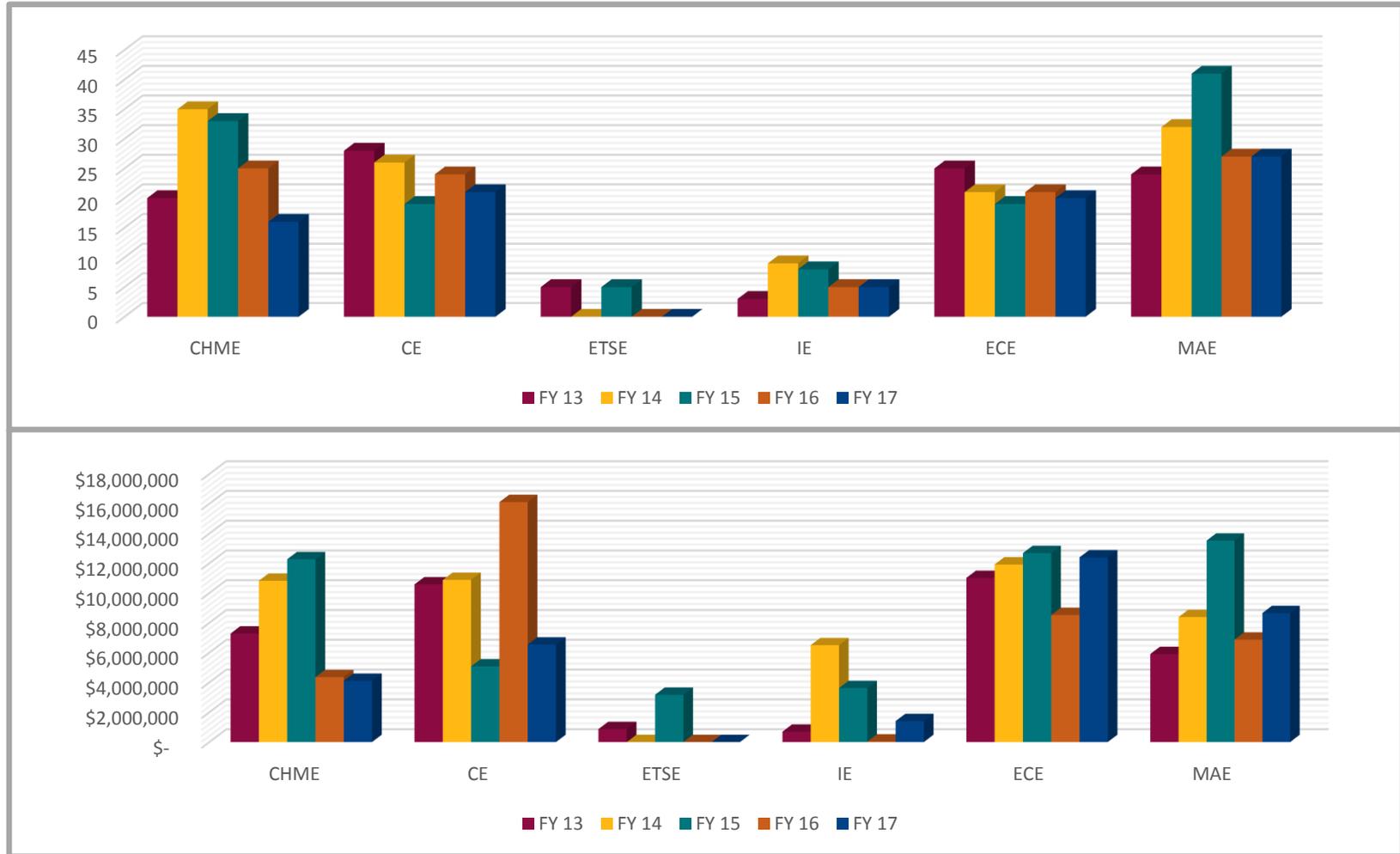
2015 Tenure and Tenure Track Faculty/Graduate Students by College

Source: NMSU Office of Institutional Analysis



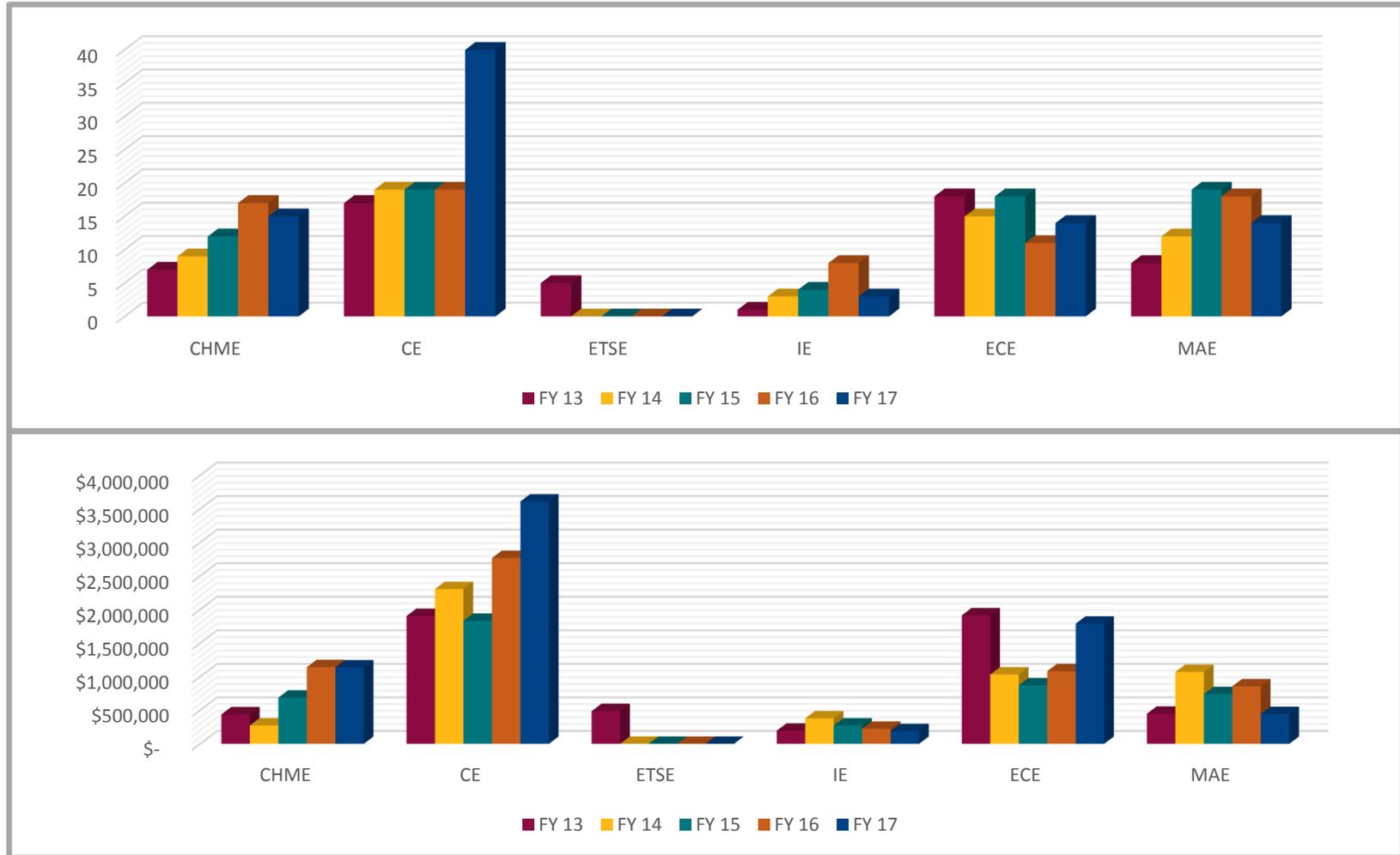
Academic Units: Number of Proposals Submitted/Amount Requested FY13-FY17

Source: Office of Engineering Research, ARGIS



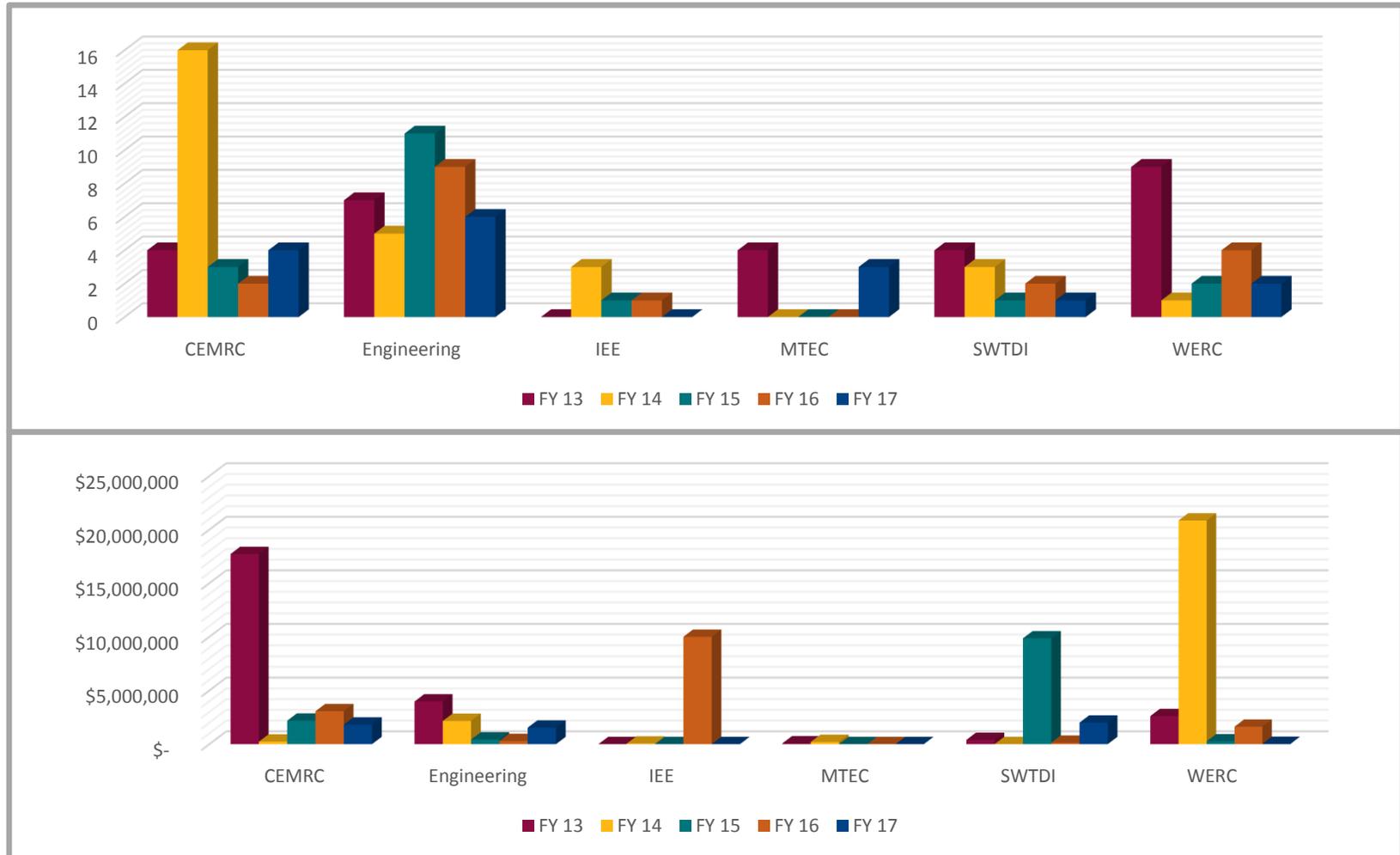
Academic Units: Number of Proposals Awarded/Amount Awarded FY13-FY17

Source: Office of Engineering Research, ARGIS



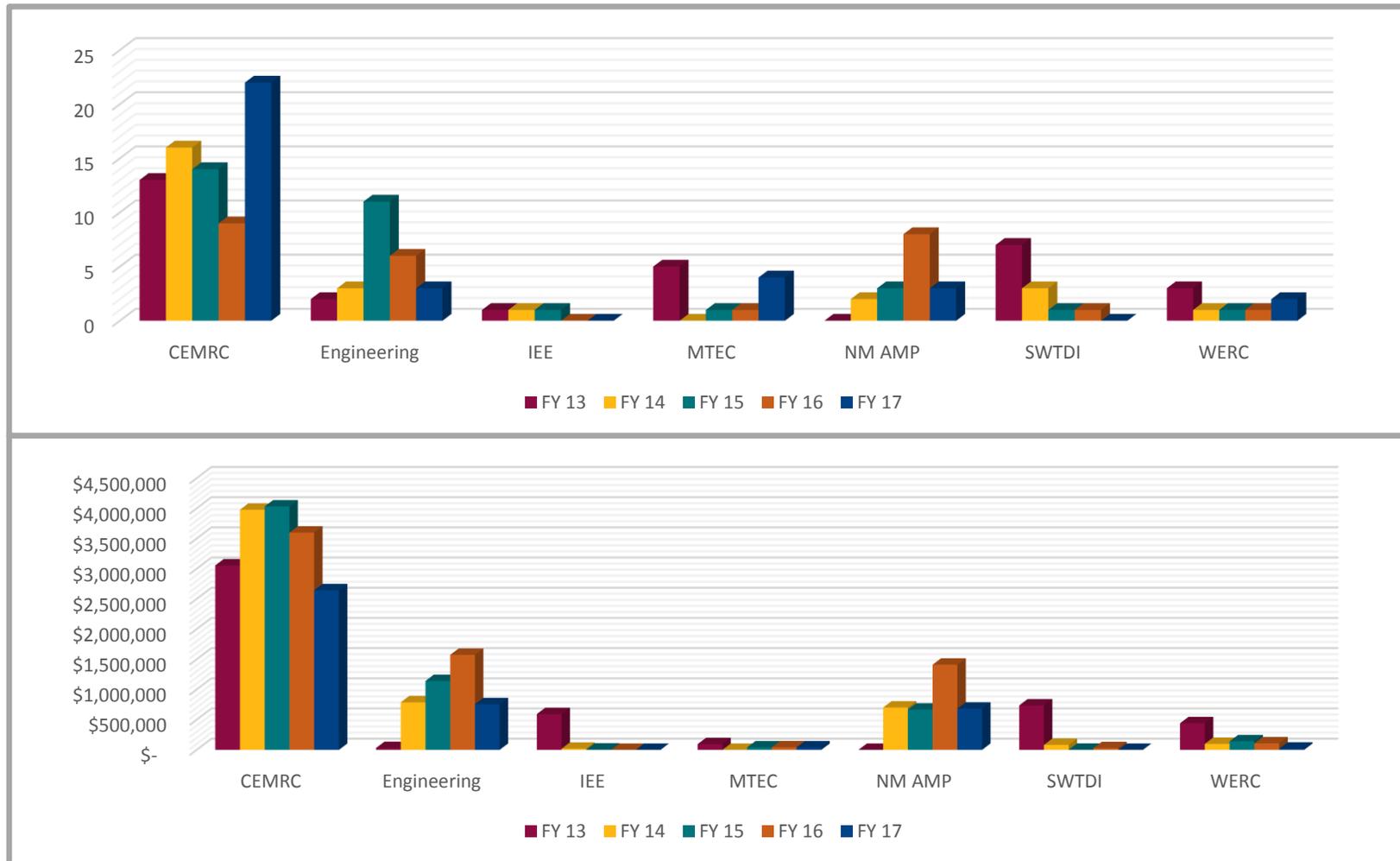
Research Units: Number of Proposals Submitted/Amount Requested FY13-FY17

Source: Office of Engineering Research, ARGIS



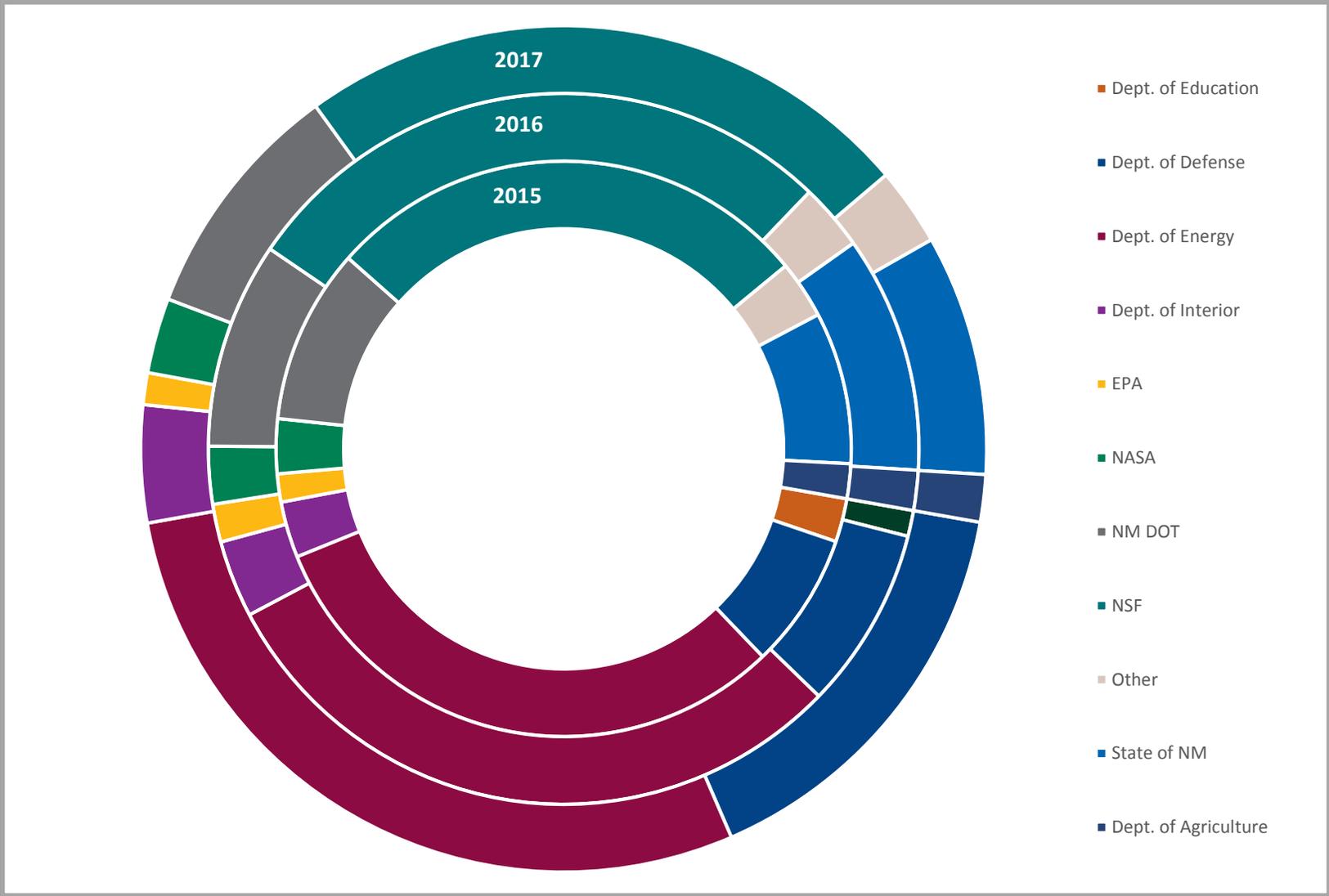
Research Units: Number of Proposals Awarded/Amount Awarded FY13-FY17

Source: Office of Engineering Research, ARGIS



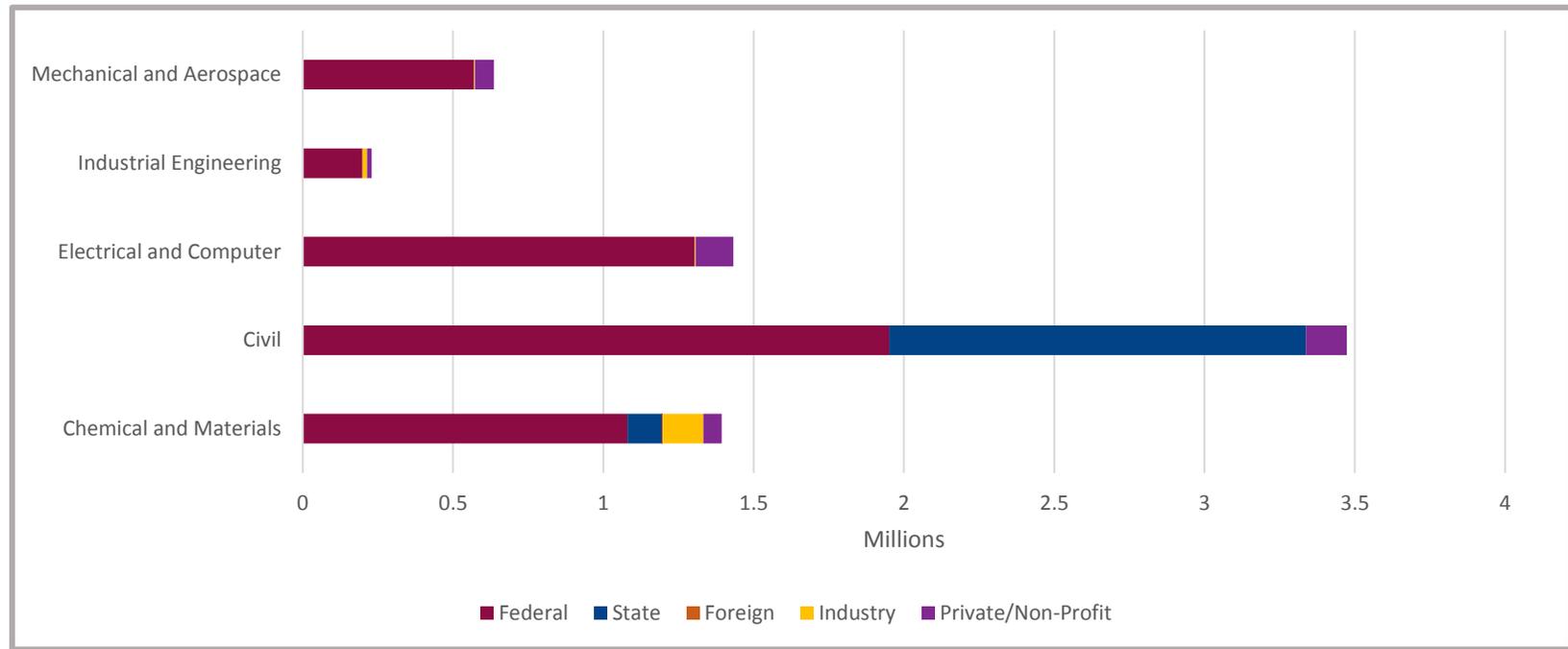
2015-2017 Percentage of Expenditures by Funding Agency

Source: Office of Engineering Research



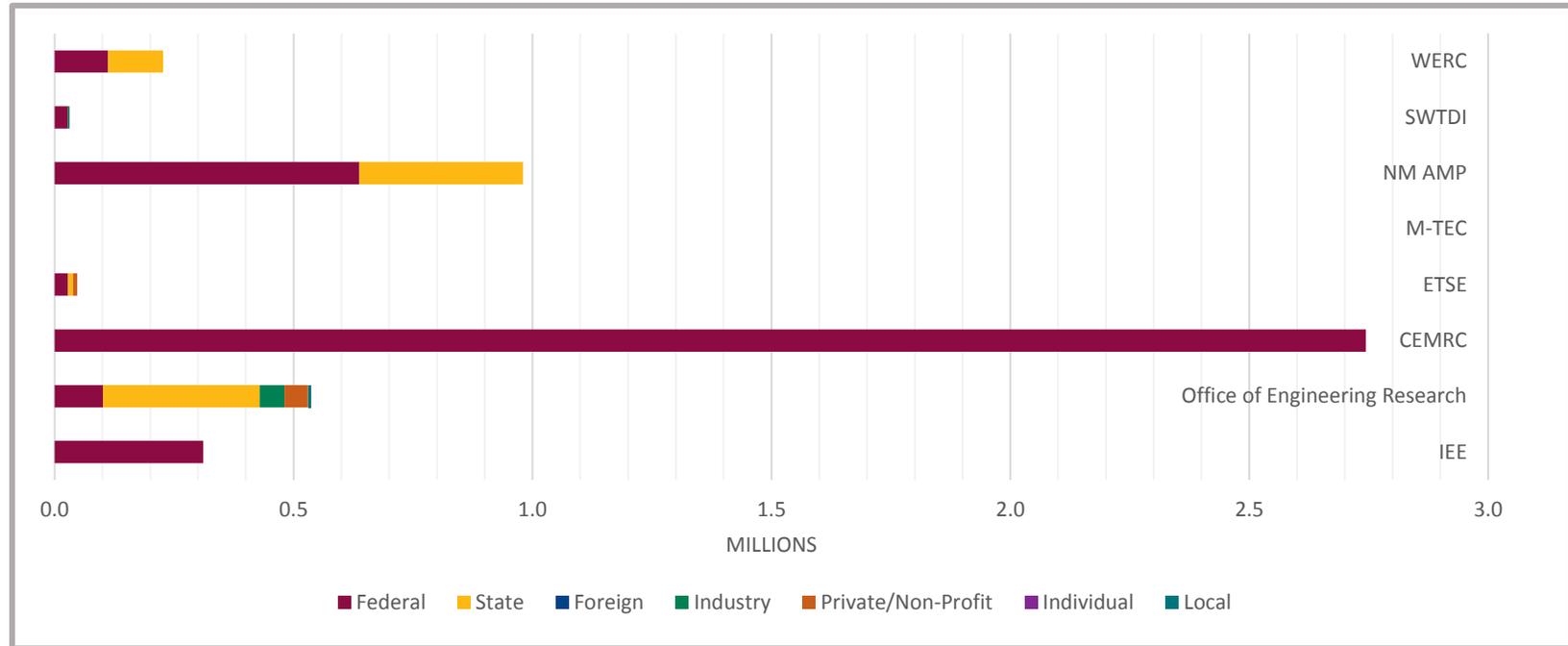
2016 Engineering Research Expenditure Source by Department

Source: Office of Engineering Research



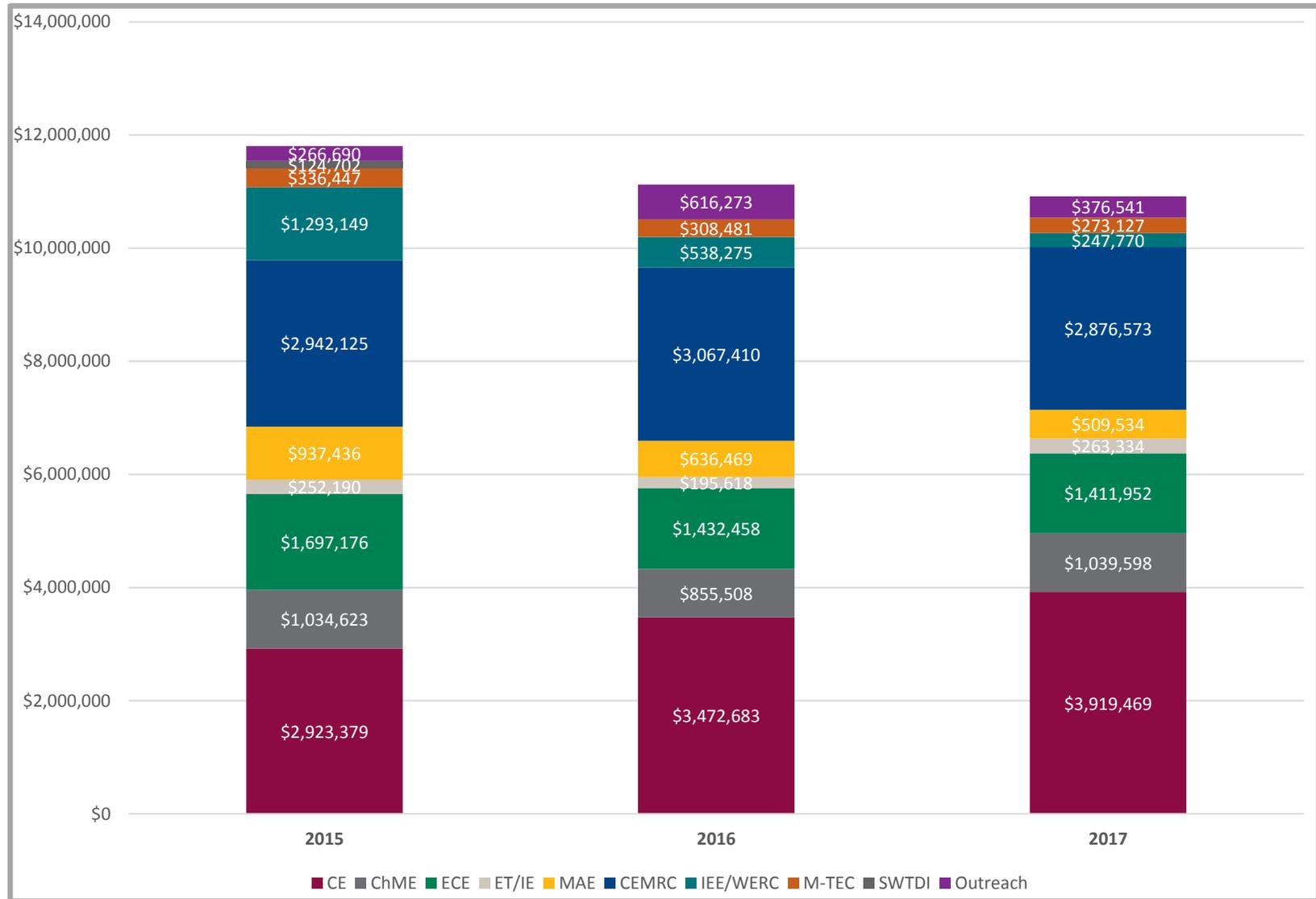
2016 Engineering Research Expenditure Source by Program

Source: Office of Engineering Research



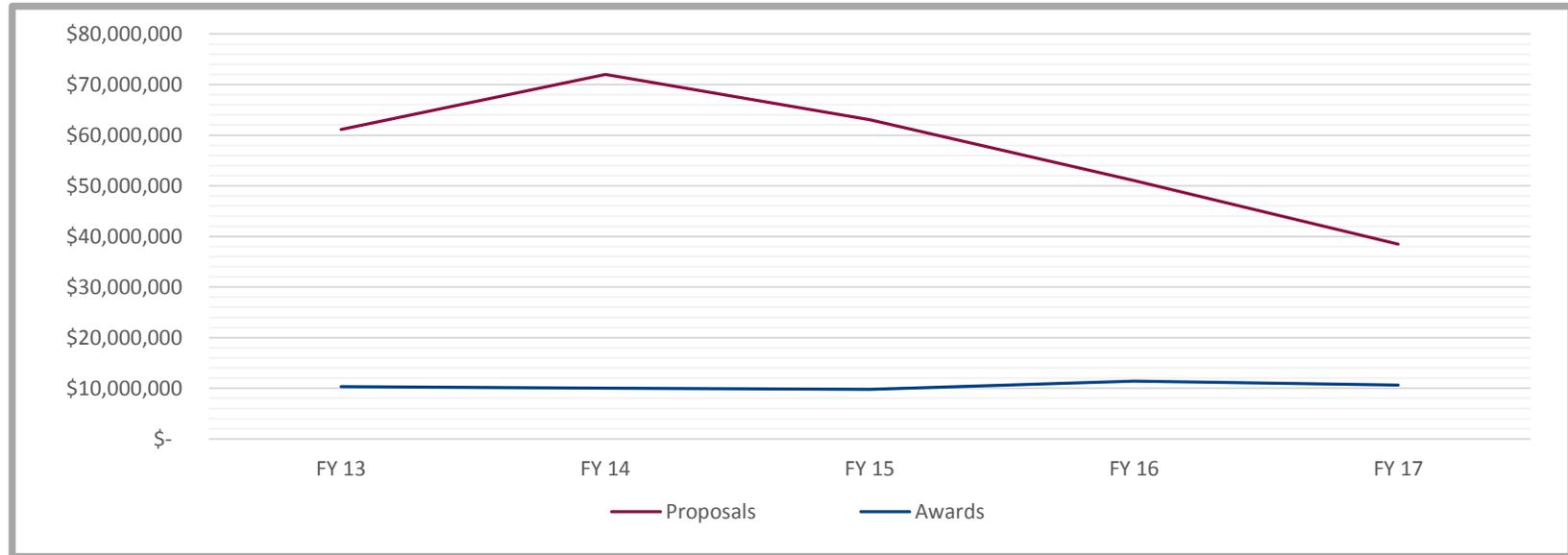
Engineering Research Expenditures by Program

Source: Office of Engineering Research



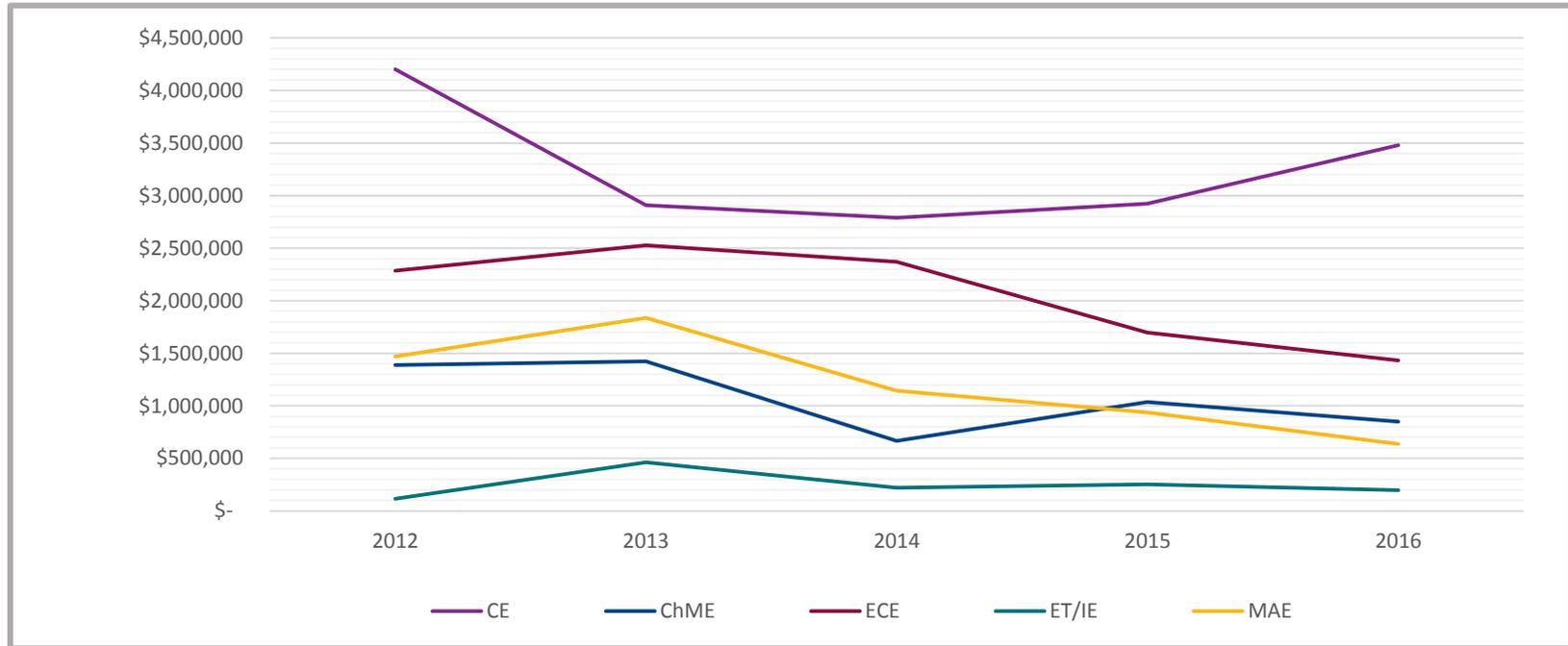
Value of Proposals Submitted/Value of Awards Made FY13-FY17

Source: Office of Engineering Research



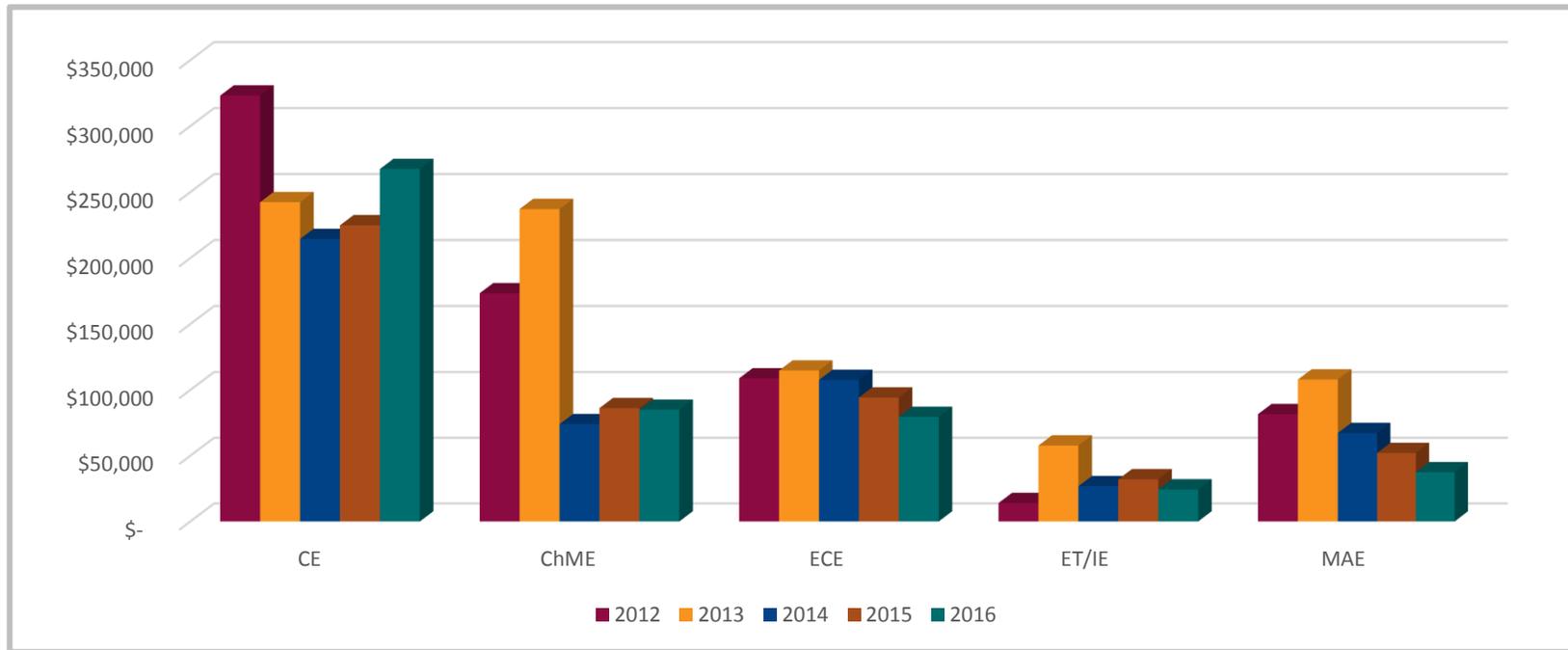
Total Engineering Research Expenditures

Source: Office of Engineering Research



Engineering Research Expenditures/Faculty

Source: Office of Engineering Research



FINANCIAL DATA

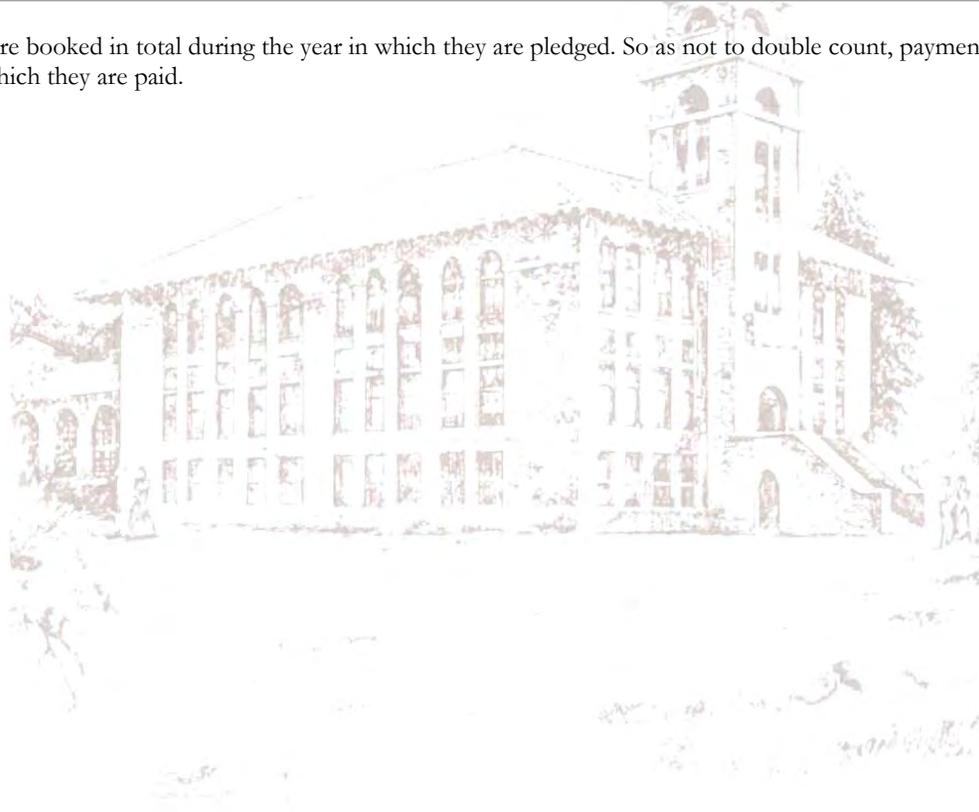


Development Progress by Year

Source: NMSU Foundation

	09-10	10-11	11-12	12-13	13-14	14-15	15-16
Total Cash Giving	\$1,208,727	\$1,257,267	\$2,129,211	\$1,299,580	\$1,589,506	\$887,087	\$1,927,703
Less Pledge Payments*	\$(343,650)	\$(345,485)	\$(528,650)	\$(11,665)	\$(26,552)	\$(49,886)	\$(32,265)
Total Gifts-in-Kind	\$39,797	\$30,843,360	\$25,839	\$600	-	\$2,633	\$10,000
Total Private Non-exchange Grants	-	-	-	-	\$14,400	\$88,035	\$25,500
Total New Pledges	\$10,000	\$11,415	\$7,735	\$12,385	\$27,462	\$73,251	\$199,778
Total Gift Support	\$914,874	\$31,766,557	\$1,634,135	\$12,385	\$1,604,816	\$1,001,120	\$2,130,716

*Multi-year pledges are booked in total during the year in which they are pledged. So as not to double count, payments are deducted during the years in which they are paid.



ALUMNI



Known Living Engineering Alumni

Source: NMSU Foundation

Totals:
All States: 17,168
US Only: 15,916
Foreign: 326
Military: 50
Territory: 2
Unknown: 874



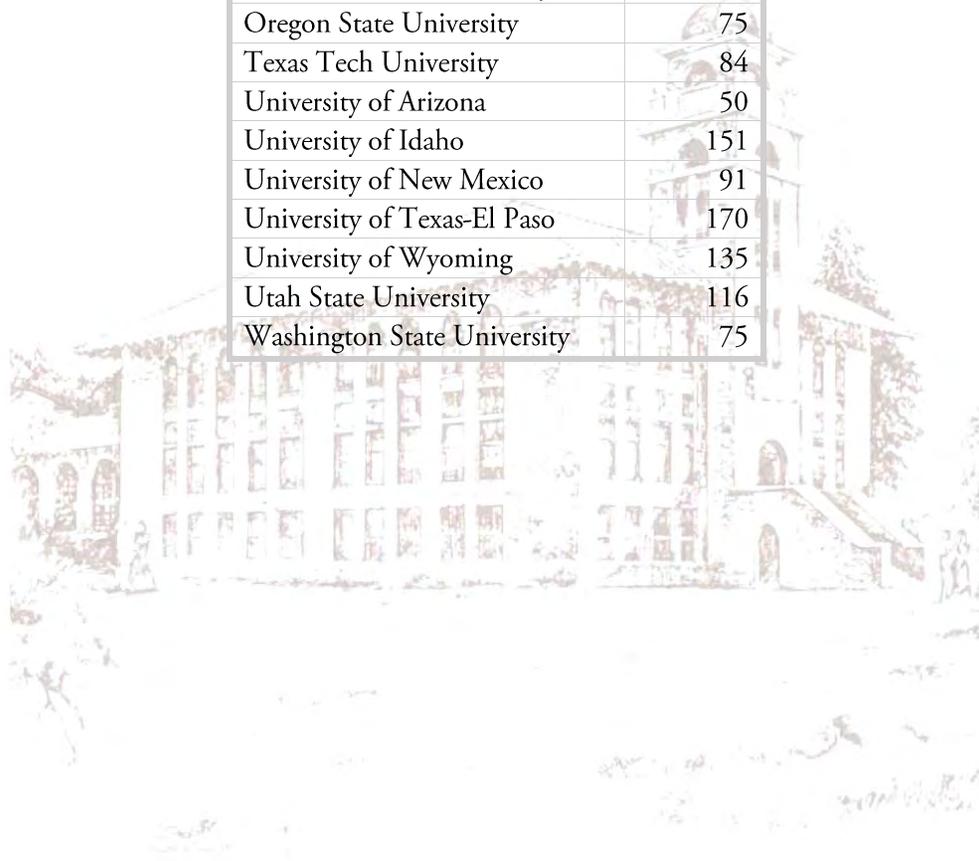
PEER INSTITUTION DATA

Source: U.S. News and World Report



Undergraduate Engineering Rankings among Peer Institutions

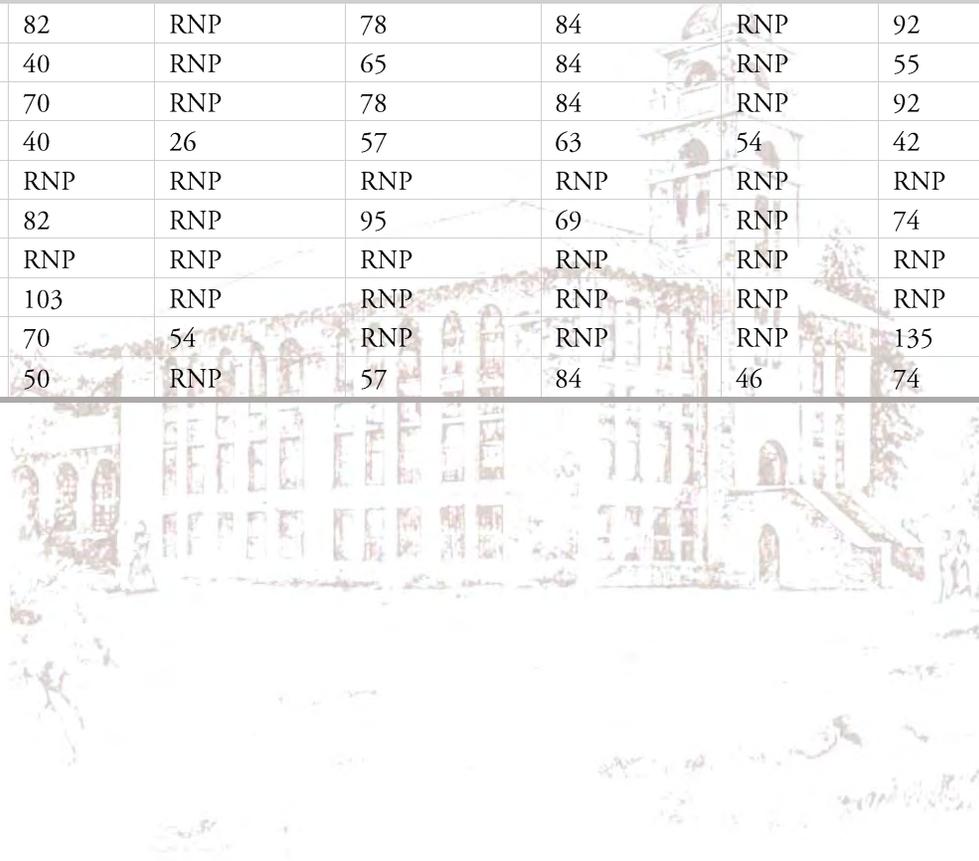
Colorado State University	75
Iowa State University	37
Kansas State University	75
Montana State University	135
New Mexico State University	135
Oklahoma State University	91
Oregon State University	75
Texas Tech University	84
University of Arizona	50
University of Idaho	151
University of New Mexico	91
University of Texas-El Paso	170
University of Wyoming	135
Utah State University	116
Washington State University	75



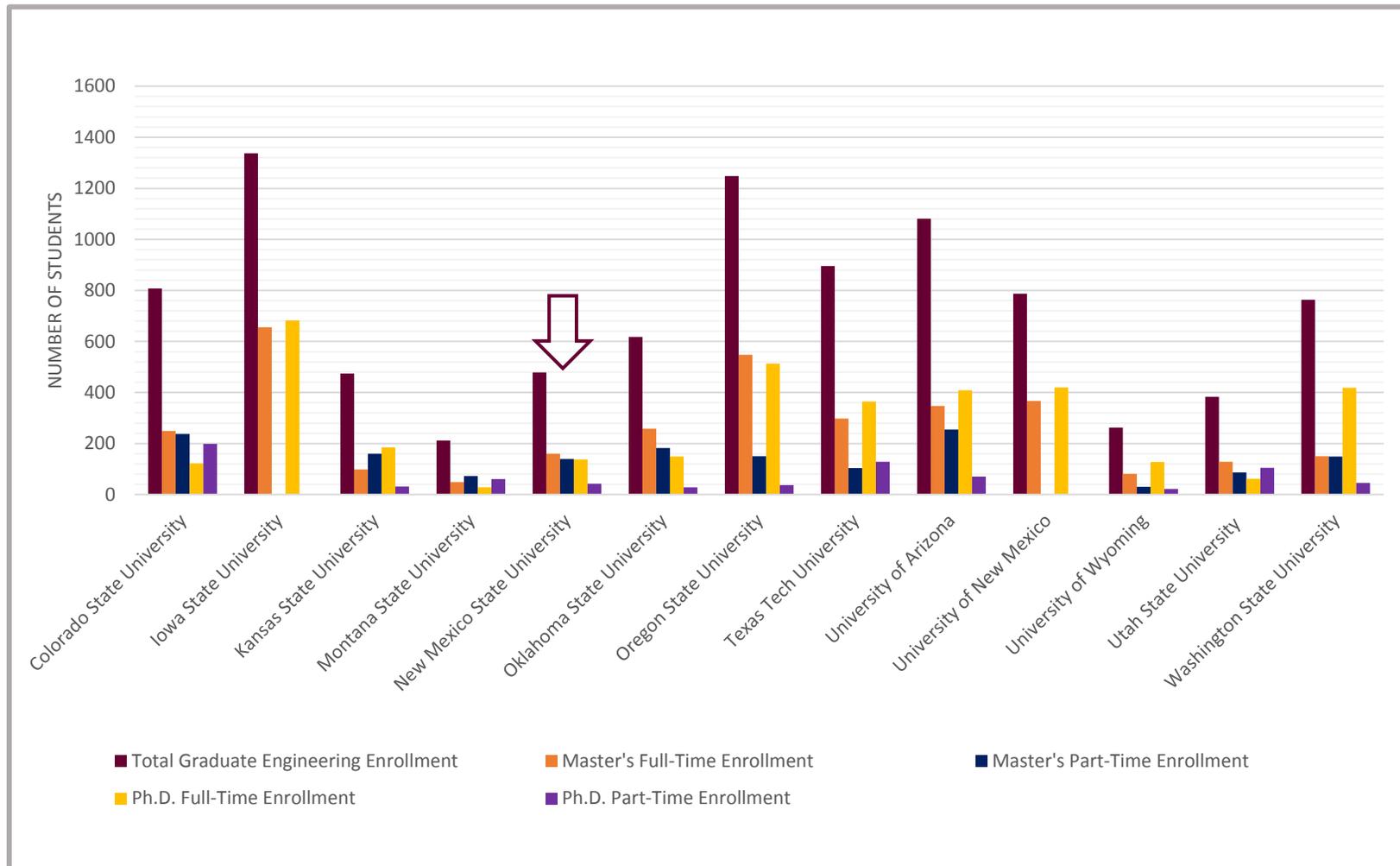
Peer Institution Ranking by Department

	Civil	Aerospace	Mechanical	Chemical	Materials	Electrical	Computer	Industrial
Colorado State University	40		69	63	RNP	65	64	RNP
Iowa State University	36	31	42	33	27	42	46	24
Kansas State University	70	RNP	95	69	RNP	83	70	57
Montana State University	103	RNP	RNP	RNP	RNP	RNP	RNP	RNP
New Mexico State University	103	60	RNP	RNP	RNP	112	106	RNP
Oklahoma State University	82	RNP	78	84	RNP	92	86	32
Oregon State University	40	RNP	65	84	RNP	55	55	61
Texas Tech University	70	RNP	78	84	RNP	92		38
University of Arizona	40	26	57	63	54	42	36	24
University of Idaho	RNP	RNP	RNP	RNP	RNP	RNP	RNP	RNP
University of New Mexico	82	RNP	95	69	RNP	74	70	RNP
University of Texas-El Paso	RNP	RNP	RNP	RNP	RNP	RNP	RNP	RNP
University of Wyoming	103	RNP	RNP	RNP	RNP	RNP	RNP	RNP
Utah State University	70	54	RNP	RNP	RNP	135	RNP	RNP
Washington State University	50	RNP	57	84	46	74	46	RNP

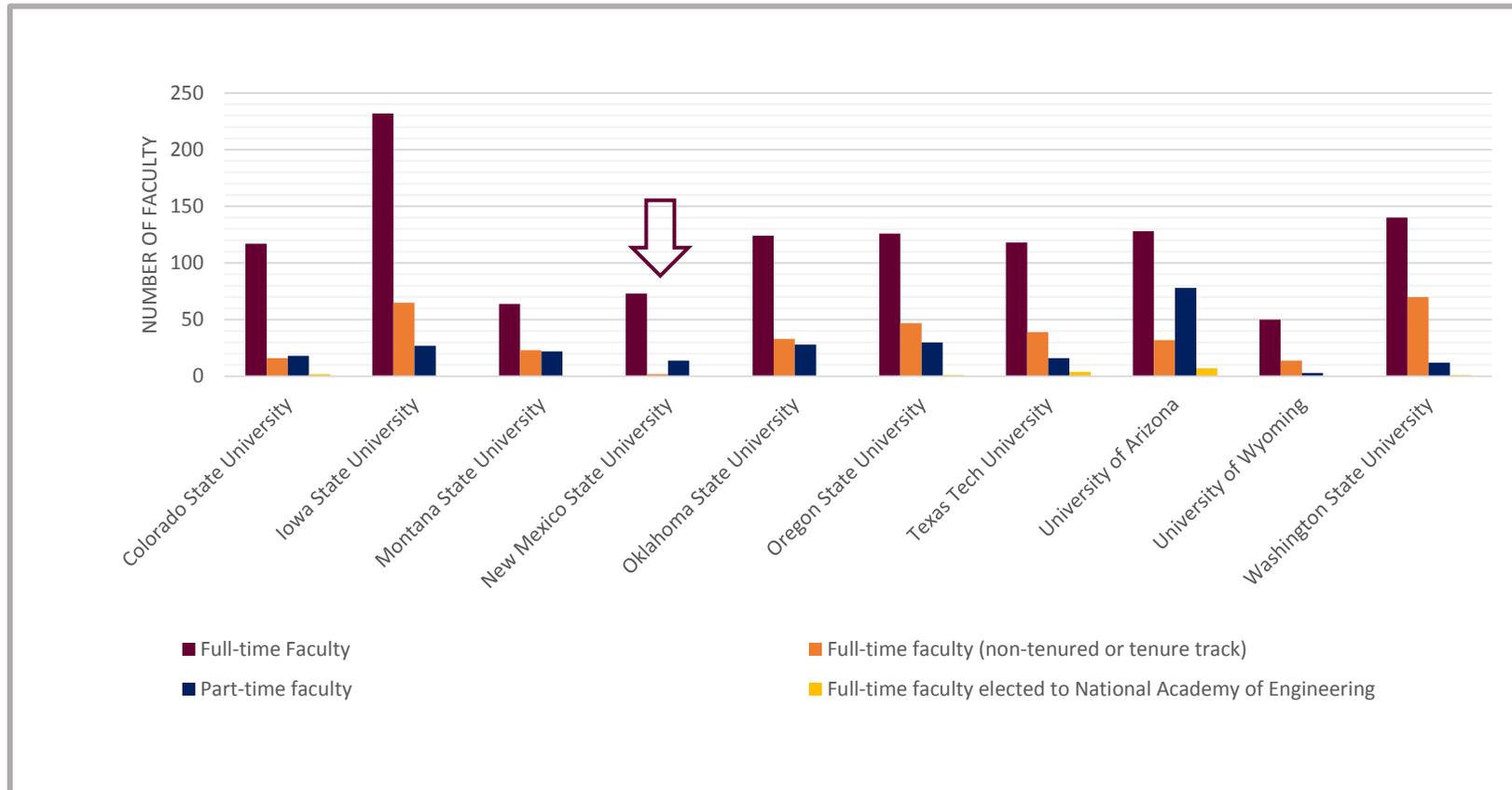
RNP: Rank Not Provided



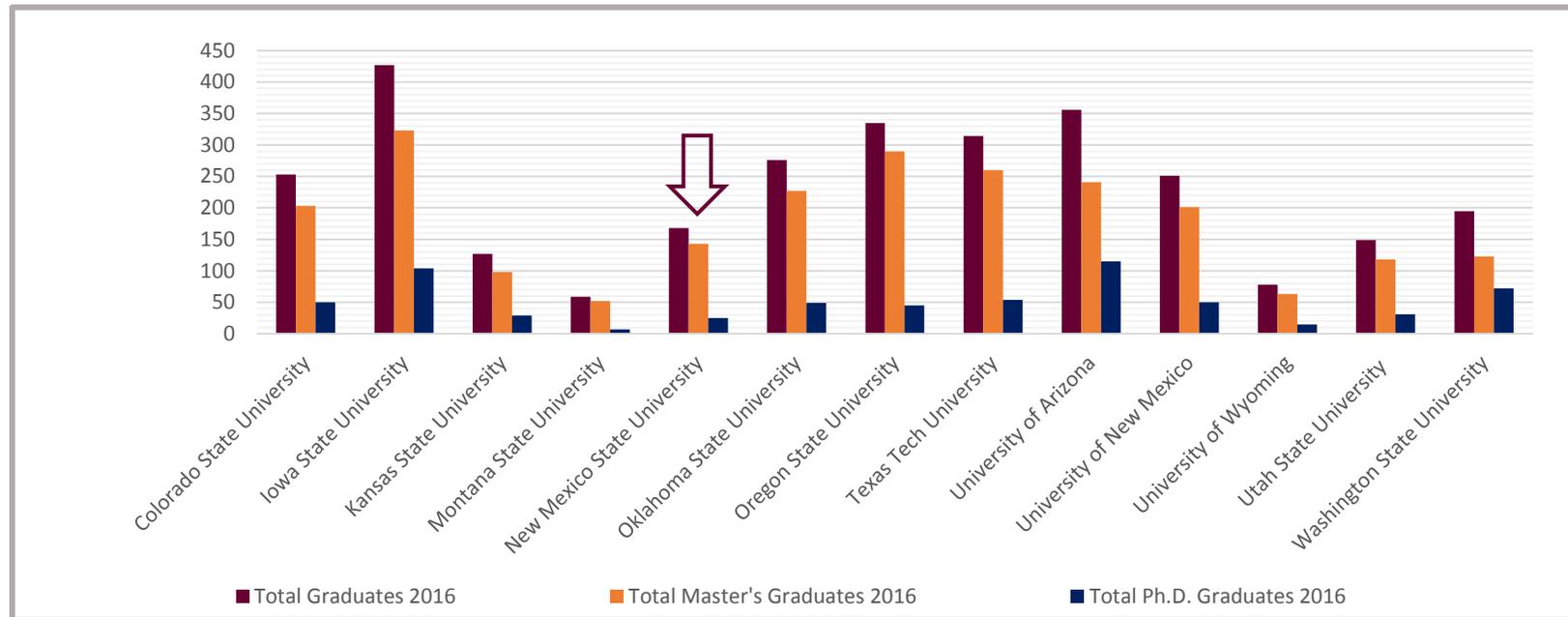
Peer Institution Graduate Enrollment



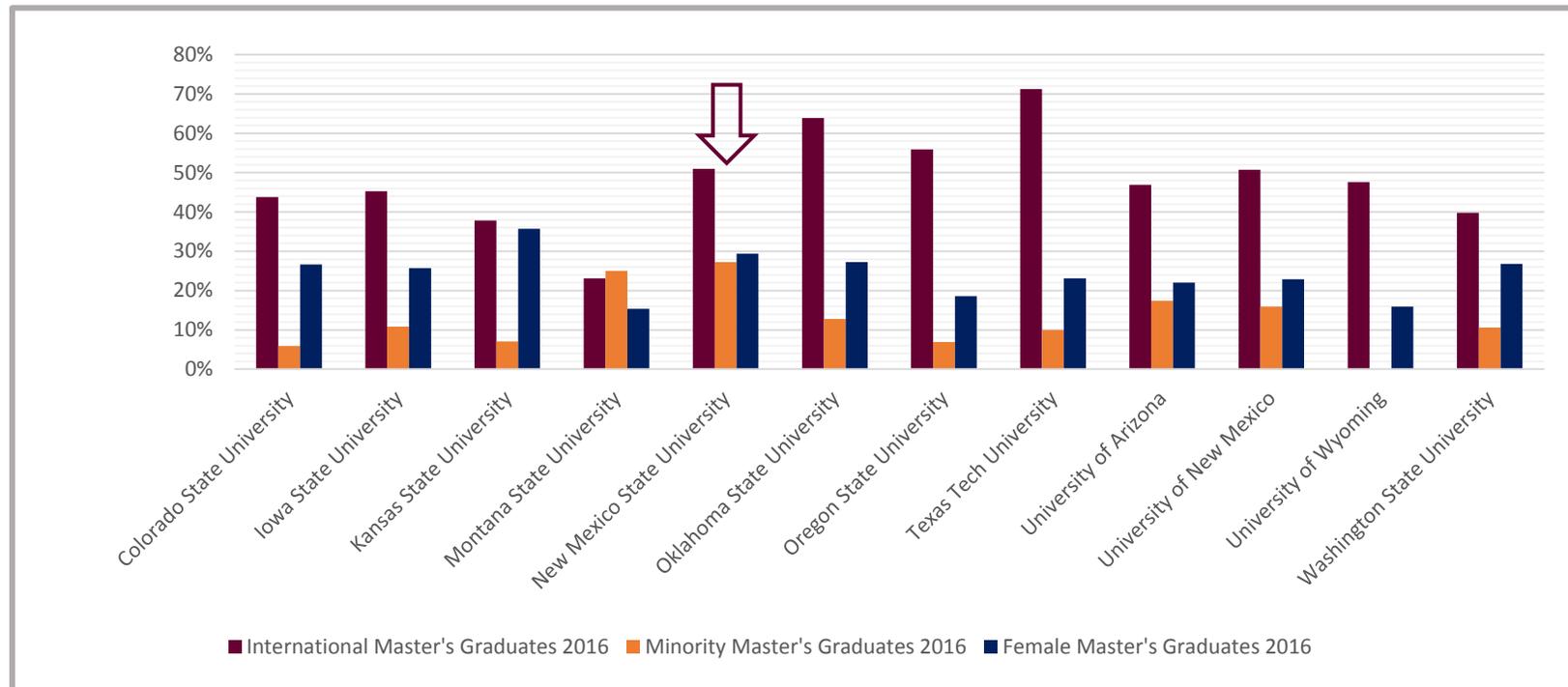
Peer Institution Faculty not including Computer Science



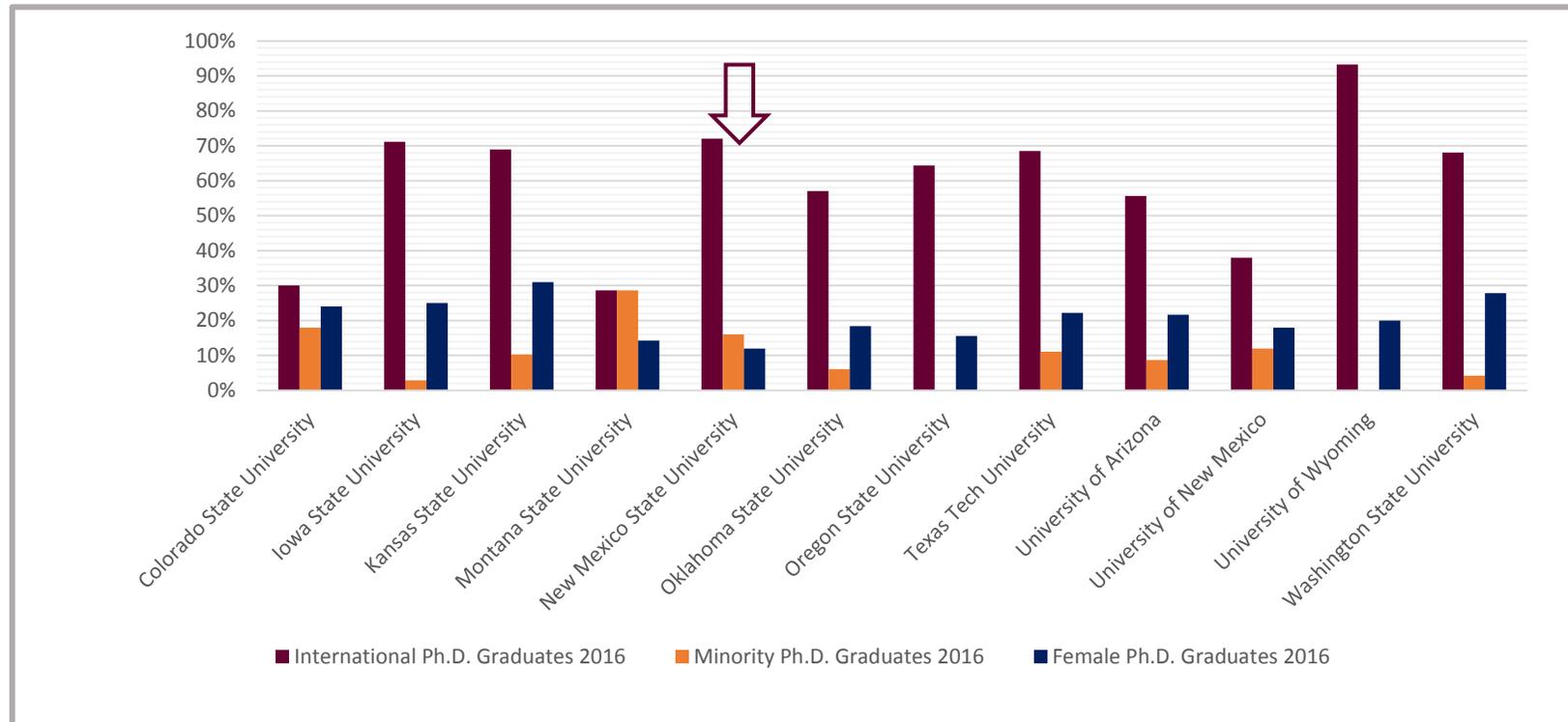
Peer Institution 2016 Total Graduates



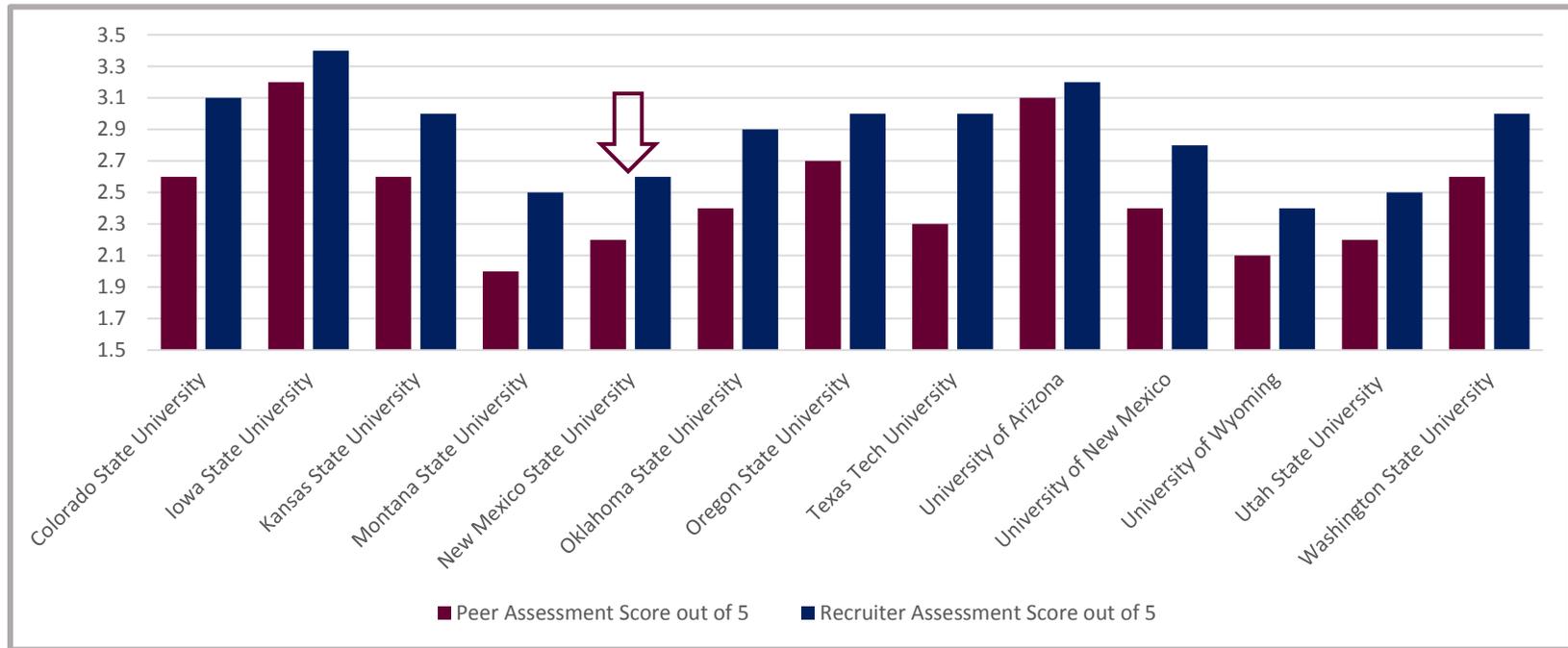
Peer Institution 2016 Master's Graduates



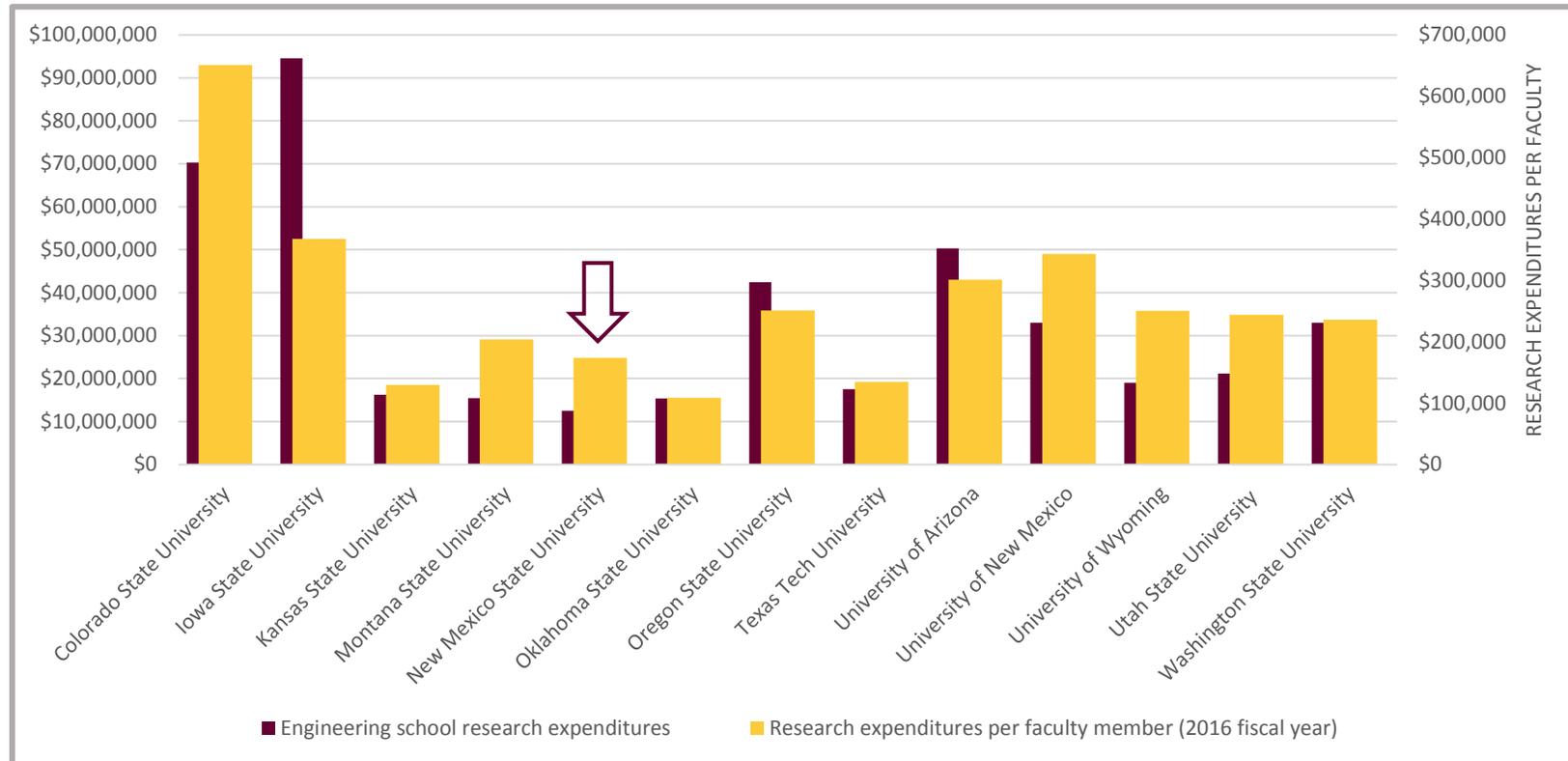
Peer Institution 2016 Ph.D. Graduates



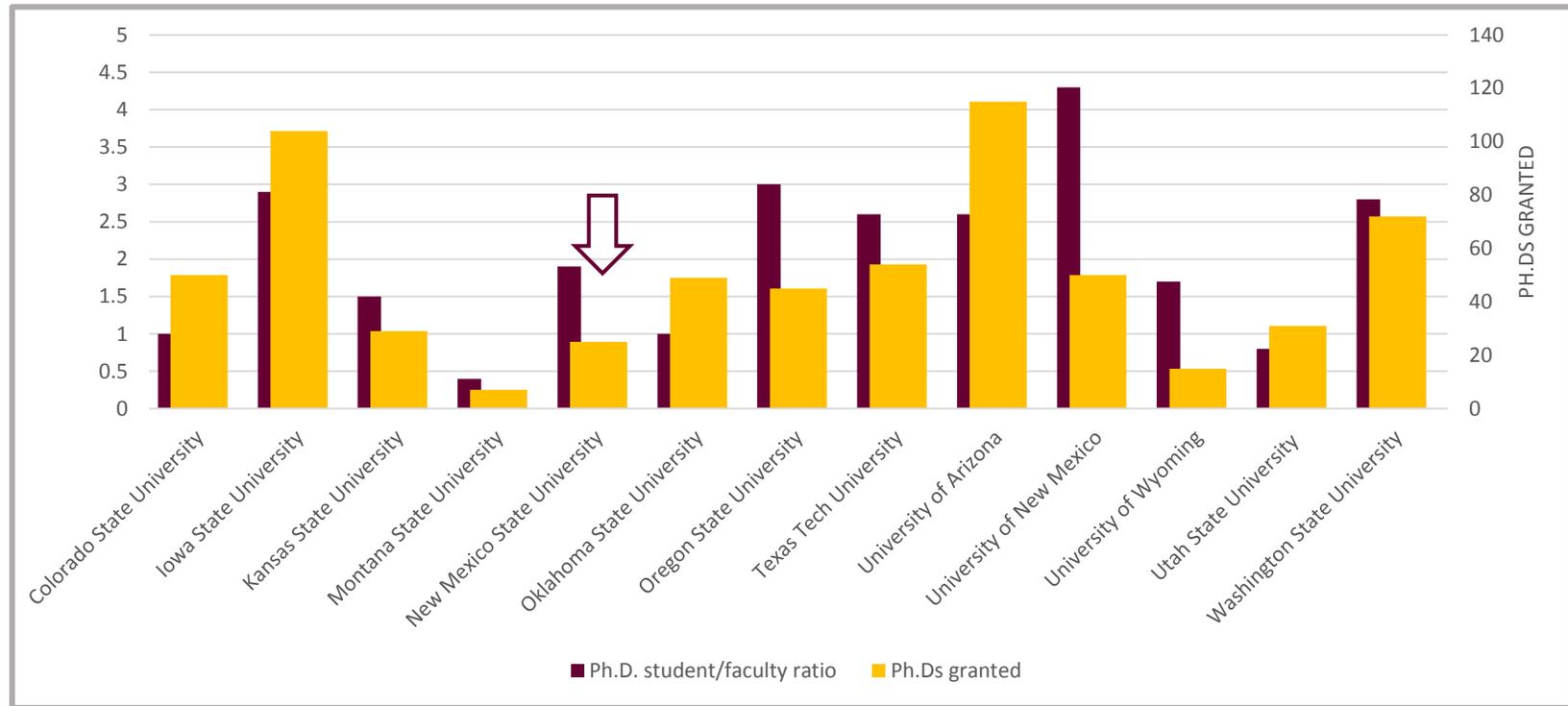
Peer Institution Assessment Scores



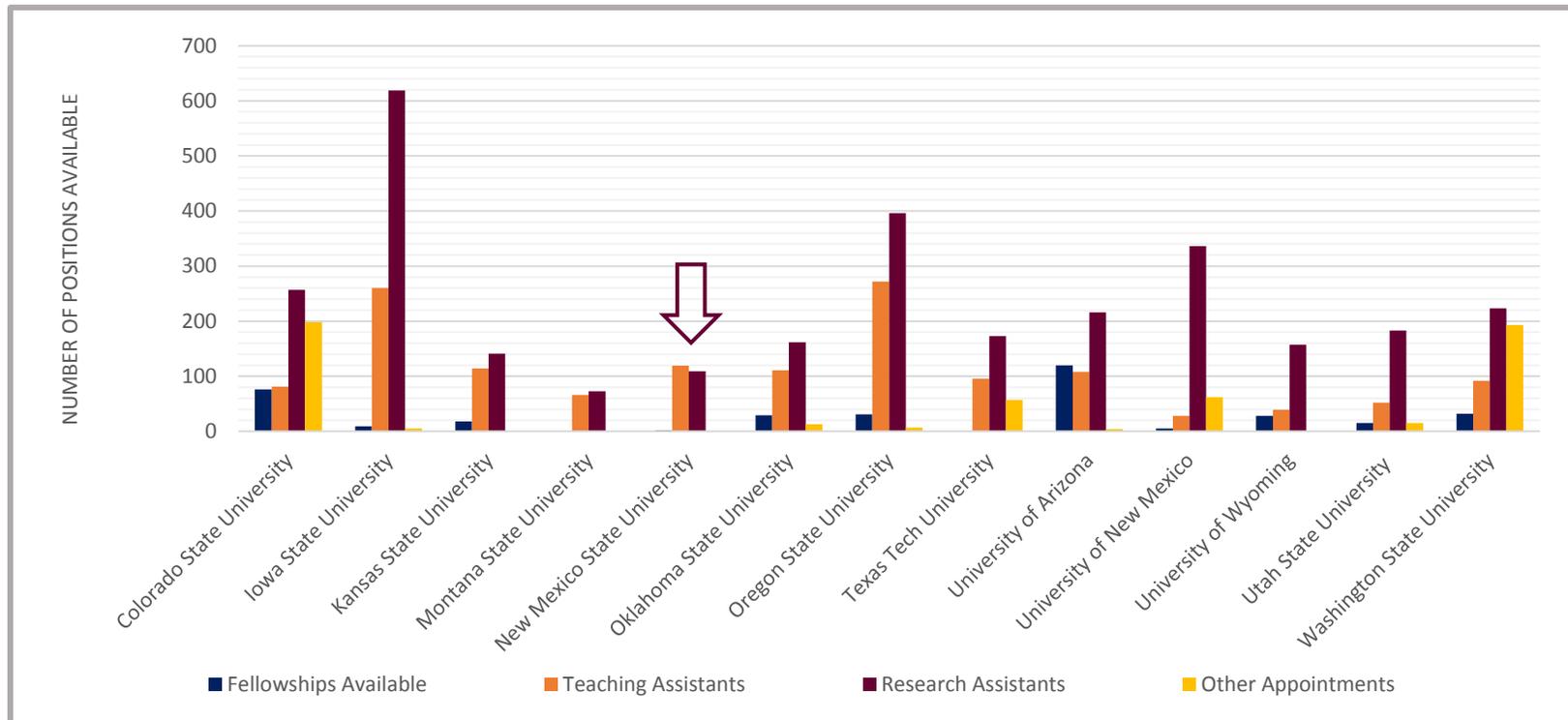
Peer Institution Research Expenditures/Per Faculty Member



Peer Institution Ph.D. Student/Faculty Ratio



Peer Institution Number of Graduate Assistant Positions Available



Historical Comparison of Faculty Salaries with NMSU's Peer Group

Source: NMSU Office of Institutional Analysis

Year	Professors			Associate Professors			Assistant Professors		
	NMSU Mean Salary	Peer Mean Salary	NMSU as % of PG Mean	NMSU Mean Salary	Peer Mean Salary	NMSU as % of PG Mean	NMSU Mean Salary	Peer Mean Salary	NMSU as % of PG Mean
2003	\$68,800	\$85,328	81%	\$57,300	\$63,269	91%	\$49,500	\$54,981	90%
2004	\$72,000	\$88,013	82%	\$59,800	\$65,263	92%	\$51,300	\$57,181	90%
2005	\$70,700	\$91,706	77%	\$61,000	\$67,981	90%	\$50,800	\$59,550	85%
2006	\$72,000	\$95,944	75%	\$61,800	\$70,650	88%	\$52,800	\$62,031	85%
2007*	\$76,200	\$95,780	80%	\$66,300	\$71,747	92%	\$56,000	\$62,973	89%
2008*	\$78,300	\$100,886	78%	\$66,500	\$75,079	89%	\$55,300	\$64,079	86%
2009*	\$79,000	\$101,507	78%	\$65,700	\$76,500	87%	\$52,800	\$65,936	80%
2010*	\$81,500	\$102,133	80%	\$67,600	\$75,307	90%	\$55,700	\$65,960	85%
2011*	\$81,500	\$103,493	79%	\$67,400	\$75,693	89%	\$56,300	\$67,367	84%
2012*	\$87,000	\$105,827	82%	\$70,800	\$77,180	92%	\$58,800	\$69,120	85%
2013*	\$91,100	\$108,773	85%	\$71,900	\$79,273	91%	\$61,900	\$70,407	89%

Source: IA and AAUP – Full-time Instructional Faculty Salary Survey.

*New Peers used for comparison.

Historical Comparison of Faculty Salaries with NMSU's Peer Group

Source: NMSU Office of Institutional Analysis



Source: IA and AAUP Annual Survey of Faculty Compensation

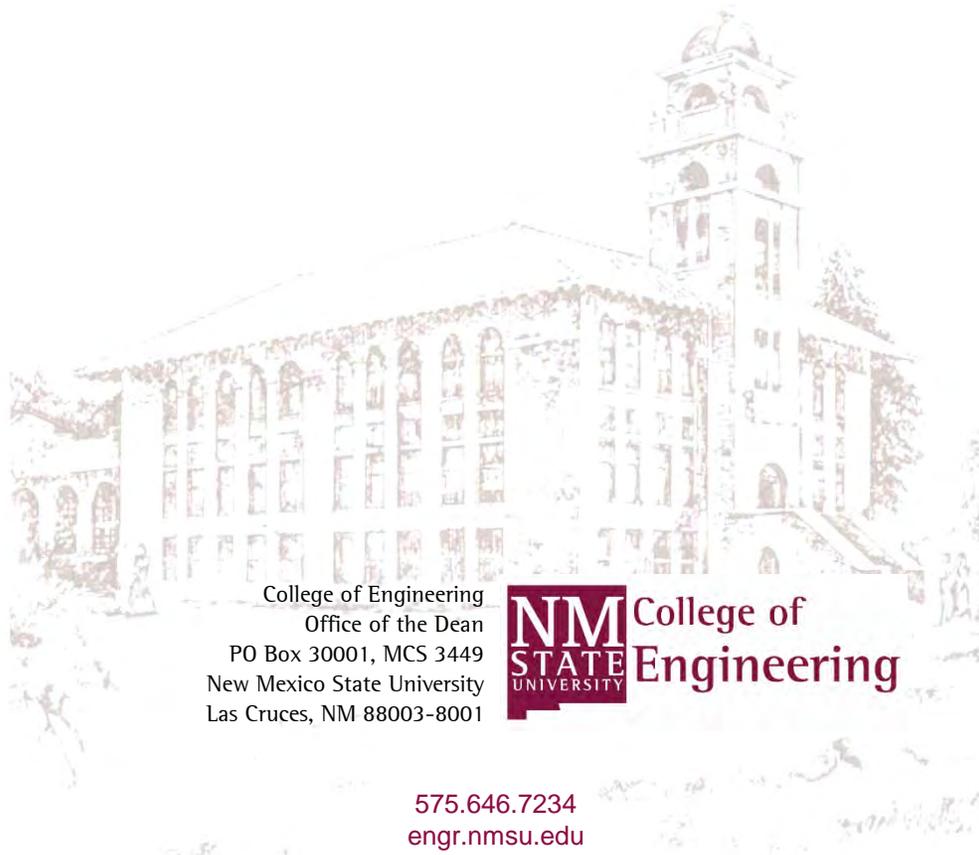
*New Peers used for Comparison



2014-2015 Tuition and Fees Compared with Peer Institutions (undergraduate rates/academic year)

Source: NMSU Office of Institutional Analysis

Institution	Resident	Non-Resident
Washington State University – Pullman	\$12,428	\$25,510
University of Arizona – Tucson	10,957	29,421
Colorado State University – Fort Collins	9,897	26,277
Oregon State University – Corvallis	9,122	26,294
Kansas State University – Manhattan	9,034	22,624
Texas Tech University – Lubbock	7,811	16,499
Iowa State University – Ames	7,731	20,617
Oklahoma State University – Stillwater	7,442	20,027
The University of Texas – El Paso	7,259	18,389
University of New Mexico – Albuquerque	6,846	20,664
Montana State University – Bozeman	6,800	21,391
University of Idaho – Moscow	6,784	20,314
University of Nevada – Reno	6,610	20,520
Utah State University – Logan	6,250	18,250
New Mexico State University	5,950	19,112
University of Wyoming – Laramie	4,646	14,876
Peer Average without NMSU	7,974	21,445
NMSU as % of Peer Average	74.61%	89.12%



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