

### BOARD OF REGENTS ACADEMIC/STUDENT AFFAIRS & RESEARCH COMMITTEE

**MEETING AGENDA** 

October 5, 2017 1:00 PM Roberts Room Scholes Hall

## UNIVERSITY OF NEW MEXICO BOARD OF REGENTS' ACADEMIC/STUDENT AFFAIRS & RESEARCH COMMITTEE MEETING October 5, 2017 – 1:00 p.m. Roberts Room, Scholes Hall

#### AGENDA

| I.   | Call to Order  |       |  |  |
|------|--|-------|--|--|
| II.  | Approval of Summarized Minutes from Previous Meeting   |       |  |  |
| III. | <b>Reports/Comments:</b><br>Provost's Administrative Report<br><i>i. Craig White, Interim Provost &amp; EVP for Academic Affairs</i>           |       |  |  |
|      | Member Comments<br>Advisor Comments  |       |  |  |
| IV.  | Action Items:  |       |  |  |
| V.   | Faculty Presenter:   |       |  |  |
|      | A. Pathways from Child Abuse<br>Pathways to Female Offending<br>Lisa Broidy, Associate Professor, Sociology                                    | TAB 2 |  |  |
| V.   | Information Items:   |       |  |  |
|      | <b>A. Introduction and Overview of Portfolio/Goals</b><br>Richard Wood, Interim Senior Vice Provost  | TAB 3 |  |  |
|      | <b>B. Introduction and Overview of Portfolio/Goals</b><br>Pamela Cheek, Interim Associate Provost for Curriculum & Assessment                  | TAB 4 |  |  |
|      | <b>C. Enrollment Update, Financial Implications &amp; Online Programs</b><br><i>Terry Babbitt, Vice Provost for Enrollment &amp; Analytics</i> | TAB 5 |  |  |
|      | <b>F. Review of Research for FY'17</b><br>Gabriel Lopez, Vice President for Research   | TAB 6 |  |  |

#### VII. **Public Comment**

VIII. Adjournment

#### UNIVERSITY OF NEW MEXICO BOARD OF REGENTS' ACADEMIC/STUDENT AFFAIRS & RESEARCH COMMITTEE MEETING August 3, 2017 – 1:00 p.m.

Roberts Room, Scholes Hall

### AGENDA Meeting Summary (All "TABS" correlate to the August ASAR E-Book)

*Committee members present: Regent Bradley Hosmer, Regent Suzane Quillen, Student Regent Garrett Adcock Acting Provost & EVP for Academic Affairs Craig White* 

Regents' Advisors present: ASUNM President Noah Brooks, GPSA Chief of Staff Trajuan Briggs

- I. Call to Order
- II. Approval of Summarized Minutes from Previous Meeting Motion to Approve: Regent Quillen Second: Regent Adcock Motion: Approved

TAB A

### **III.** Reports/Comments:

Provost's Administrative Report Craig White, Acting Provost & EVP for Academic Affairs (Presentation Attached)

- Budget continues to be a primary focus
- New Student Orientation was a successful combined effort between multiple units
- Greg Lanier will be the new Dean of the Honors College
- Laura Valdez will take over university advising
- UNM Gallup CEO search is underway
- UNM Press transition is moving forward
- ASAR work plan is being revised

Member Comments

Staff Council

- There will be a staff as students event coming up
- Engaging faculty about aligning UNM and APS spring breaks

### Advisor Comments

ASUNM

• ASUNM will is creating a committee for the "Its on us" campaign to combat sexual assault

### IV. Action Items:

### A. KMP Resolution

Deborah Kuidis, Industrial Security Officer Motion to Approve: Faculty Senate President Pyle Second: Regent Quillen Motion: Approved TAB B

#### UNIVERSITY OF NEW MEXICO BOARD OF REGENTS' ACADEMIC/STUDENT AFFAIRS & RESEARCH COMMITTEE MEETING

August 3, 2017 – 1:00 p.m. Roberts Room, Scholes Hall

### V. Information Items:

#### A. Budget Update

Craig White, Interim Provost & Nicole Dopson, Financial Officer (Present attached)

- Discussion about budget reductions
- Overview of the budgetary reserves
- Breakdown of academic investments

### B. Reorganization of Academic Affairs

Craig White, Interim Provost (Present attached

- Overview of the leadership changes and the process that led to the changes
- Consolidation between Enrollment Management and Extended Learning
  - Terry Babbitt will be given the new title of Vice Provost for Enrollment and Analytics

### C. Latin American & Iberian Institute Presentation

William Stanley, Director

- Overview of the Latin American & Iberian Institute (LAII)
- Discussion around the history of LAII at UNM
- Breakdown of the enrollments of students across university programs
- Serval areas were highlighted such as research grants and PhD fellowships
- Discussion on vulnerabilities

### **D.** Advance Grant Presentation

Julia Fulghum, Director, Advance at UNM & Professor of Chemistry

- Overview of the mission and goals of NSF ADVANCE at UNM
- Breakdown of the grant money awarded along with the leadership team
- Discussion of the initiatives for FY'18
- Breakdown of why faculty leave UNM
- Outline of low cost retention initiatives
- A promotional video was also shown

### VII. Public Comment

Both Justine Andrews and Patrick Manning from the College of Fine Arts both spoke on the topic of potentially moving the programs house within the Art Annex to the Biology Annex. Their statements are attached.

### VIII. Adjournment 2:44 p.m.

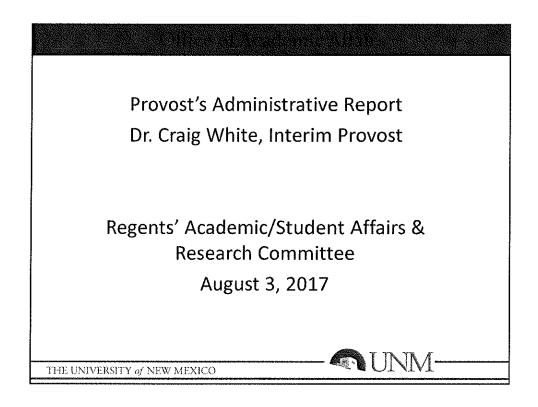
Motion to Approve: Faculty Senate President Pyle Second: Regent Adcock Motion: Approved

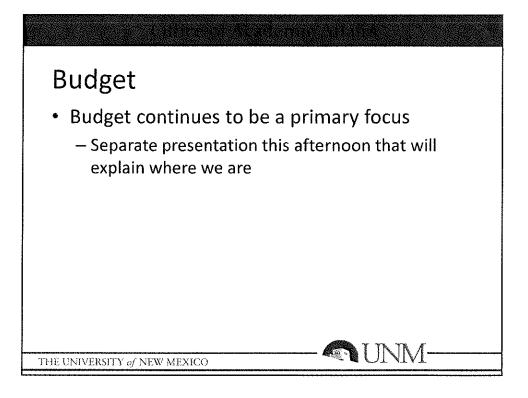
### TAB F

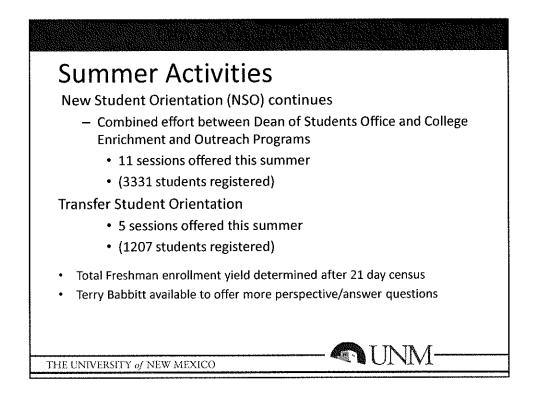
TAB D

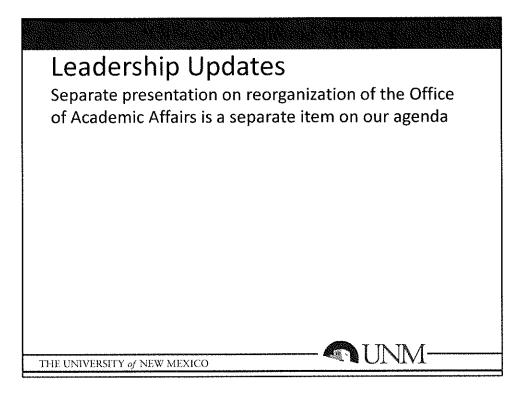
TAB C

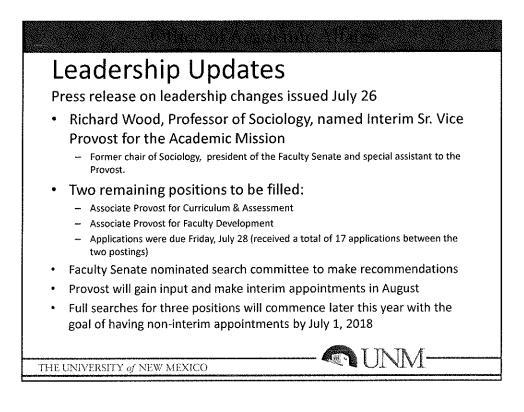
### TAB E

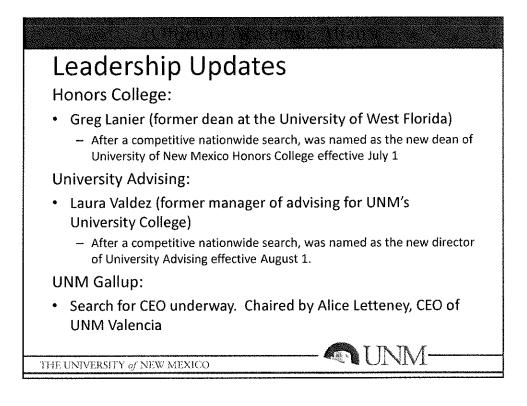


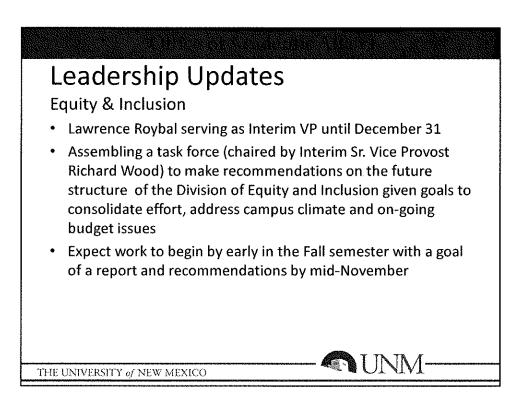


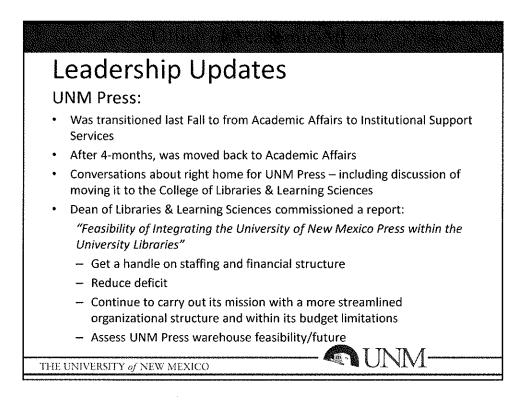


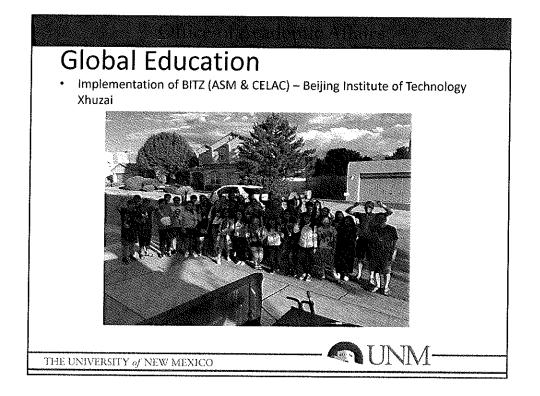


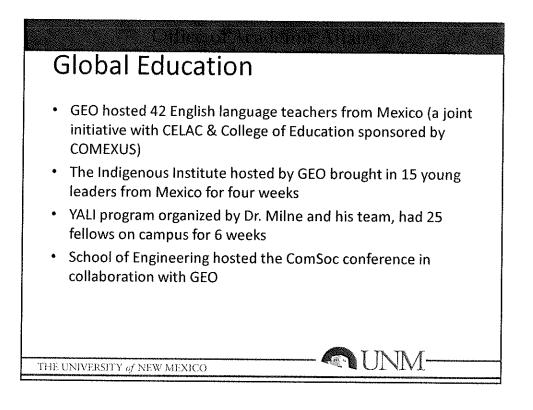


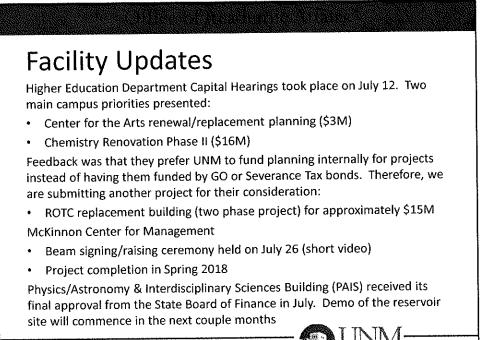




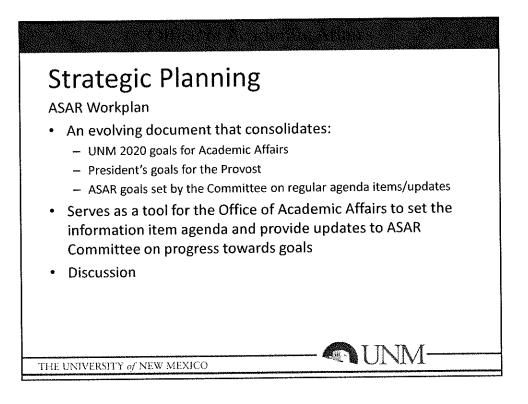


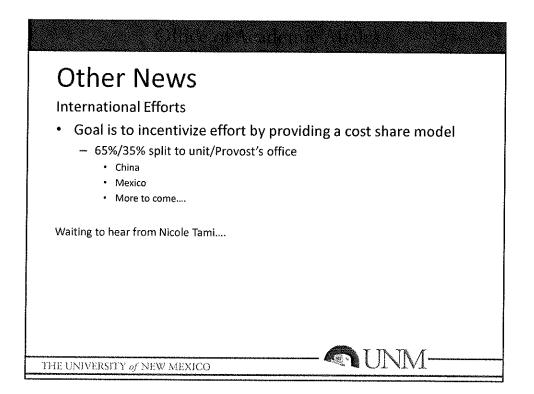


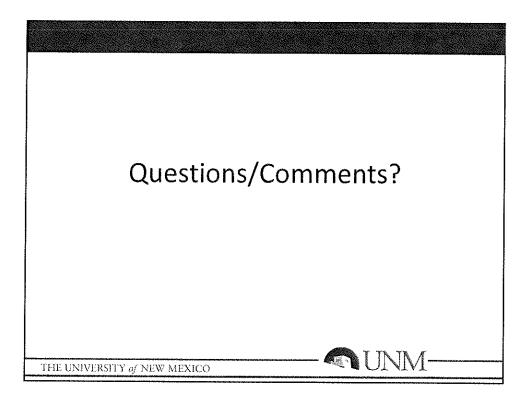


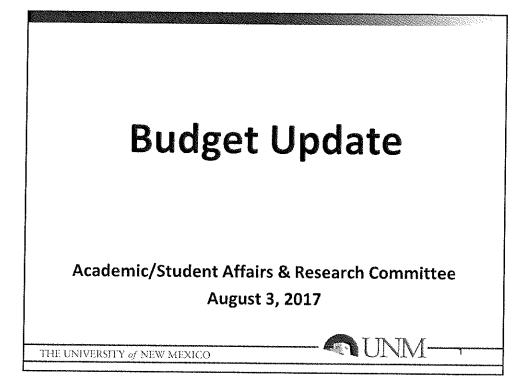


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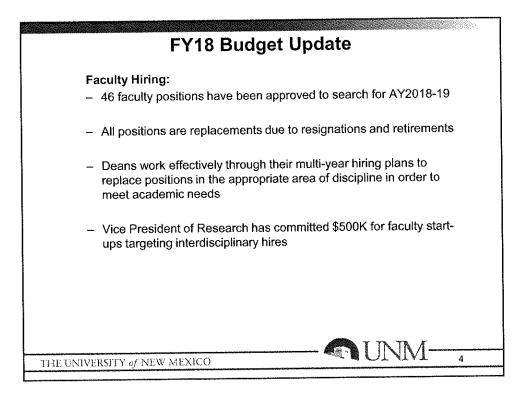




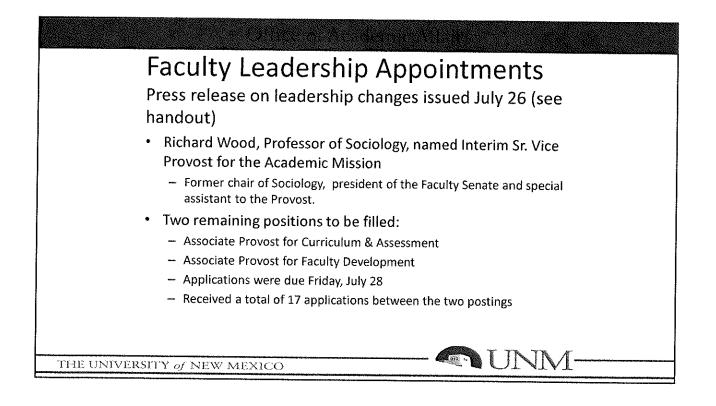


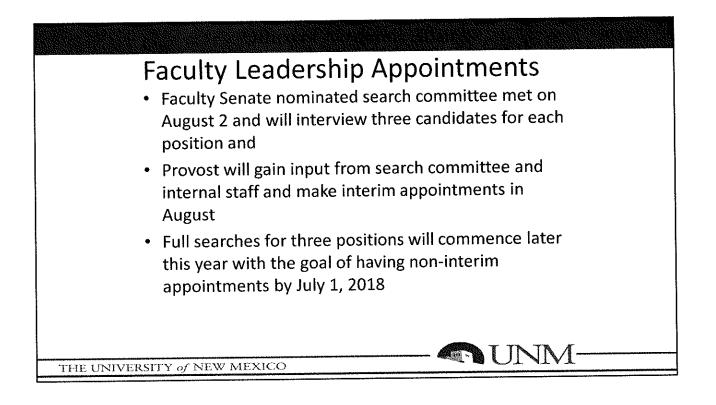
|            | FY18 Budget Update   |
|------------|--|
| -          | <ul> <li>Idget Reductions:</li> <li>Academic Affairs I&amp;G allocation net change from FY17 to FY18 amounts to a <u>decrease</u> in budget by \$7.3M.</li> <li>Budget decreases will be addressed through: <ul> <li>Operating expenditure reductions (\$3.1M)</li> <li>Labor reductions through attrition (\$3.1M)</li> <li>Administrative reorganization (\$300K)</li> <li>Use of reserves (\$800K)</li> </ul> </li> </ul> |
|            | tegorization of Reserves:<br>Academic units are currently in the process of categorizing reserve<br>balances in the university Categorization of Reserves (CAR) system<br>CAR is a reporting effort detailing out how reserves are projected to<br>be used in the current and future years<br>CAR report will be submitted to Regents in September and<br>presented to the Finance and Facilities committee in October       |
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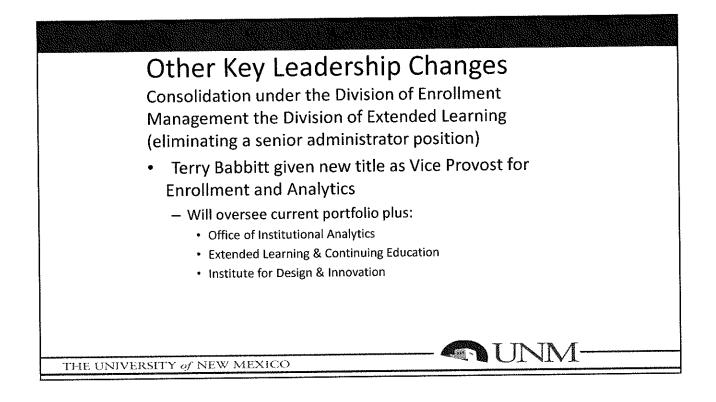
| Academic Investments:  |                 |                             |      |  |
|--|-----------------|-----------------------------|------|--|
| <ul> <li>Incentivize recruiting efforts at the college/school level</li> </ul> |                 |                             |      |  |
|  | uition rever    | nue generated by these effe | orts |  |
| <ul> <li>Current efforts include:</li> </ul>                                   |                 |                             |      |  |
| <ul> <li>Expand international</li> </ul>                                       | l student rer   | ruitment                    |      |  |
| Managed online prog<br>Program   | grams<br>Degree | Launch Date                 |      |  |
| Chicana/Chicano Studies  | Undergraduate   | Fall 2016                   |      |  |
| CE Construction Management   | Graduale        | Fall 2016                   |      |  |
| Psychology   | Undergraduate   | Fall 2017                   |      |  |
| OILS/Chief Learning Officer  | Graduate        | Fall 2017                   |      |  |
| ECE Internet of Things   | Graduate        | Fall 2017                   |      |  |
| ECE/ME Space Systems   | Graduate        | Fali 2018                   |      |  |
| Native American Studies  | Undergraduate   | Fall 2018                   |      |  |
| Business Administration  | Undergraduate   | Spring 2018                 |      |  |
| Economics (minor)  | Undergraduate   | In discussion               |      |  |
| Masters of Accounting  | Graduale        | h discussion                |      |  |
| Special Education  | Graduate        | In discussion               |      |  |

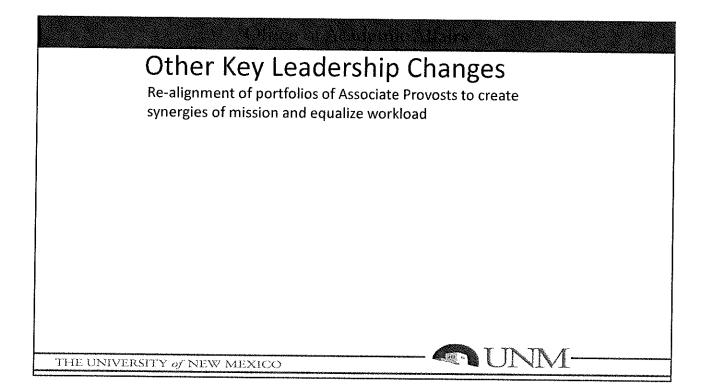












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|------------------------------|--|
| Reorganizati                 | on of Academic Affairs   |
|                              |  |
|                              |  |
|                              | Questions?   |
|                              |  |
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### UNIVERSITY OF NEW MEXICO **BOARD OF REGENTS'** ACADEMIC/STUDENT AFFAIRS & RESEARCH COMMITTEE MEETING

Roberts Room, Scholes Hall

### **Public Comment Sign-In Sheet**

(Public comment limited to 3 minutes per person & 15 minutes per topic Please include name, email and UNM affiliation)

1. Justine Andrews, jandrewse unnedu, deet of ter 2. Patrick Manning, pemeurphiedu, Pepi of Art. 3. \_\_\_\_\_ 4. \_\_\_\_\_ 5. 6. \_\_\_\_\_ 7. \_\_\_\_\_ 8. \_\_\_\_\_ 9. \_\_\_\_\_ 10. \_\_\_\_\_ 11.\_\_\_\_\_ 12.

### Good Afternoon Chairman Doughty, Regents and members of the committee,

I am Dr. Justine Andrews, Chair of the Department of Art and I thank you for the opportunity to present some information on the programmatic impact of the relocation of our Department's MFA Graduate Studios from the Art Annex Building.

- The Department of Art is one of 4 departments in the College of Fine Arts. Our Department recently changed its name from Art and Art History to ART because it more simply encompasses all of our programs which include Art Studio, Art History and Art Education
- It is the Studio program that I wish to speak about today. Our Studio program encompasses a wide range of media and processes and our undergraduates and graduates have exceptional opportunities to learn from our internationally known program and faculty artists. Our graduate program in Studio Art offers an MFA, the terminal degree for artists.
- 3. Our MFA program continues to rise in its prestige moving from 50 to 48<sup>th</sup> in the nation according to US News and World Report; and Photography has been singled out for its excellence and ranked 5<sup>th</sup> in the country. This year we have a dramatic increase in incoming MFA students, and many of our students tell us that one reason they choose to come to UNM is the facilities at the Art Annex.
- 4. A central part of our MFA Program is that each student is assigned a studio space. Our photography graduate students as well as printmaking and painting (all our 2 D practices) are given studio space in the Art Annex during their 3 years in the program. They use these studios as laboratories, to experiment, create, and critique their work. Central to this use is the unique amount of natural light the large windows of the Art Annex provide.
- 5. I will let my colleague and associate Chair Patrick Manning give you more information regarding the program and its use of the Art Annex.
- 6. I would like to address specifically the relocation of our program to a renovated space in the former Biology Annex.
- 7. This relocation will have a dramatic impact on our MFA program. Space will be reduced; natural light will be reduced both of these aspects compromise the quality of the MFA program.
- 8. There have been 3 assessments of space needs and requirements for our program and the program being relocated into the Art Annex, Honors College. At issue is the incompatible square footage.
  - a. The MFA program in Art Annex uses 10,585 sq feet of space for studios and support spaces. This space is currently inadequate and is in need of ADA updates, a loading dock, and more storage and display areas.
  - b. The Biology Annex bldg. 19 where the MFA program is meant to move has currently has 5928 sq ft of space (diff 4657 sq ft)
- 9. The MFA program will simply not fit into the Biology Annex structure in its present form. Although renovations to the Biology Annex have been proposed, it will require a substantial addition to meet the program needs. An addition of 4657 sq ft is not accommodated by the location nor the budget.

- 10. Impact: The impact of this space restriction will reduce our enrollment, and diminish our national standing, since, in addition to the excellence of our faculty, our facilities for graduate students are an enormous asset. The program will drop in the national rankings and be less reputable nationally and internationally.
- 11. As faculty who are bound to preserve the quality and stability of our academic programs, our department wants to voice its grave concern over the initiation of this relocation project, given its assured negative impact on our academic and programmatic success.

Good afternoon Chair Doughty, Regents and members of the Committee

I am Patrick Manning, Associate Professor of Photography in the Department of Art and Associate Chair.

I am grateful to have the opportunity to give you some more detailed information about how the Art Annex Studios are central to our MFA degree program.

What goes on in the Art Annex?

- When students arrive to study in our program from around the country and the world, we tell them that they need to treat their studio practice as a full-time job. This necessitates working in their studios at all hours as they are taking classes and teaching.
- Art is a practice, and like sports, music, or dance is enriched by the constant performance of it. Also like those activities, it needs specific spaces to make that practice as full as it can be. Our students are also researching, discussing, and critiquing their peers' work in the spaces it is being made. Studios are essential to community formation.
- The Art Annex has large windows letting in beautiful light. Photography is literally the art of writing with light. Painting and printmaking's color requirements need full spectrum daylight temperature light. The Art Annex, though needing updates is close to what you would build if making a studio building from scratch.
- The Art Annex also provides other essential programmatic roles. It houses the Hammersly Visiting artist. This grant-funded, internationally recognized artist teaches, and is available for formal and informal critiques. The common spaces provide a gallery context for the required semesterly presentation of work by graduates to their faculty. Classes are taught there as well as moving large, fragile artworks between buildings isn't feasible. The annex also hosts public events, exposing our students to gallery directors and curators. Many of our students go on to successful art careers through these public interactions.

**Recruitment:** 

• Students accepted into our well MFA program are often accepted to other highly ranked studio art programs. We are competing with these programs (Yale, SAIC, RISD) for the best students. We have little scholarship money to offer. The Art Annex and the community the facility helps build are one of the main competitive advantages we have.

Students' excellence:

- Students who have worked in the Art Annex have had tremendous success in their careers as artists.
  - Several, like Daniel Coburn, MFA in Photography (2013) have won the prestigious Guggenheim Award
  - A very high number, like Min Park are tenured professors in excellent programs like the Department of Art and Design at Purdue University

- Some, like Robert and Shauna ParkeHarrison and Joel Peter Witkin are household words in the contemporary art world.
- Recent grads, like Schwinn Chen are having critically acclaimed solo show in New York, right now.

With a smaller space, that does not have the resource of natural light that the Art Annex has, and is unable to meet our needs, our MFA program will certainly drop in the rankings. In particular, Photography, which is esteemed nationally and internationally and ranked #5 in the country, would be hampered by this relocation. Recruitment will suffer (top-tier students will not attend MFA programs without excellent studio spaces), MFA production will suffer. Teaching will suffer.

The Department of Art and its Faculty have thus far been given NO opportunities to contribute to this process, so I thank you for letting me bring this information to you, and voicing my concerns about the irreparable damage that is being done to our programs through this relocation.

# Pathways from Child Abuse Pathways to Female Offending: Implications for Policy and Practice in New Mexico

Lisa Broidy Professor and Director of Graduate Studies Department of Sociology

# About Me



- Why do females commit less crime than males?
  - Assessing differences in exposure to and salience of key risk factors

### ↔ What motivates female offending?

- Articulating the life experiences that influence female pathways into offending and shape the types of crimes they commit
- Reverse How do we help female offenders transition out of crime?
  - From early intervention to justice system programming and re-entry initiatives
  - Have worked with NMDOC on programming and re-entry
  - Also with NMAGO, APD, BCSO, USAO(NM) and others on CJ policy and evaluation

# Women's pathways to offending



- - A The numbers:
    - Rease in *justice system involvement* for women from 1980 to 2014 (twice the rate of men)
      - Solo increase in female prison admissions since 1980
      - R 1275% increase in female jail admissions since 1980

## Women's prison population in NM is expected to exceed capacity next year

- This is an understudied and often misunderstood population, which hampers prevention and intervention efforts
  - The best interventions reflect the real world needs of those they target
- Research is needed to identify these needs
  - For women the danger is we assume their needs based on what we know about males or based on our stereotypes of female offenders

# Important Research Gaps

## 

- A common theme in research on women's pathways to prison
- R Highlights an important, gender-specific risk factor: early physical and sexual abuse
  - More common and more salient for female offenders

## Real But, there is a lot we do not know about this link...

- R Which female offenders follow this pathway?
- R What are the intervening mechanisms? Where to target interventions!
- How does abuse influence women's offeding onset and the types of crimes females commit?

## What we know

Among males, early-onset, chronic offenders have the most significant exposure to adverse childhood experiences—this sets the stage for early behavioral problems and subsequent offending

## What about females?

community samples followed over time have few chronic female offenders

But, studies of female prisoners suggest similarities

Child abuse, mental health symptoms, risky sexual behavior, alcohol/drug use, and violent relationships feature prominently in their narratives

## Recent Study: Female Prisoners in Australia

Two key questions:

- 1. Which female offenders are most likely to have backgrounds characterized by abuse and mental health symptoms?
  - Expectation: early-onset offenders will evidence MORE of the following:
  - A Childhood abuse
  - R Internalizing symptoms

  - R Property and violent offending
- How do these risks influence female offending pathways?
   Expectation: abuse → internalizing symptoms → early onset offending→ substance abuse → chronic property and violent offending

# Findings

Expectation: early-onset female offenders (those who started offending prior to age 13) will evidence MORE of the following:

- CR Childhood abuse:
- A Internalizing symptoms
- Substance abuse
- R Property and violent offending

Our data confirm this--all of these risks and behaviors are significantly ore common among those women who started offending prior to age 13.

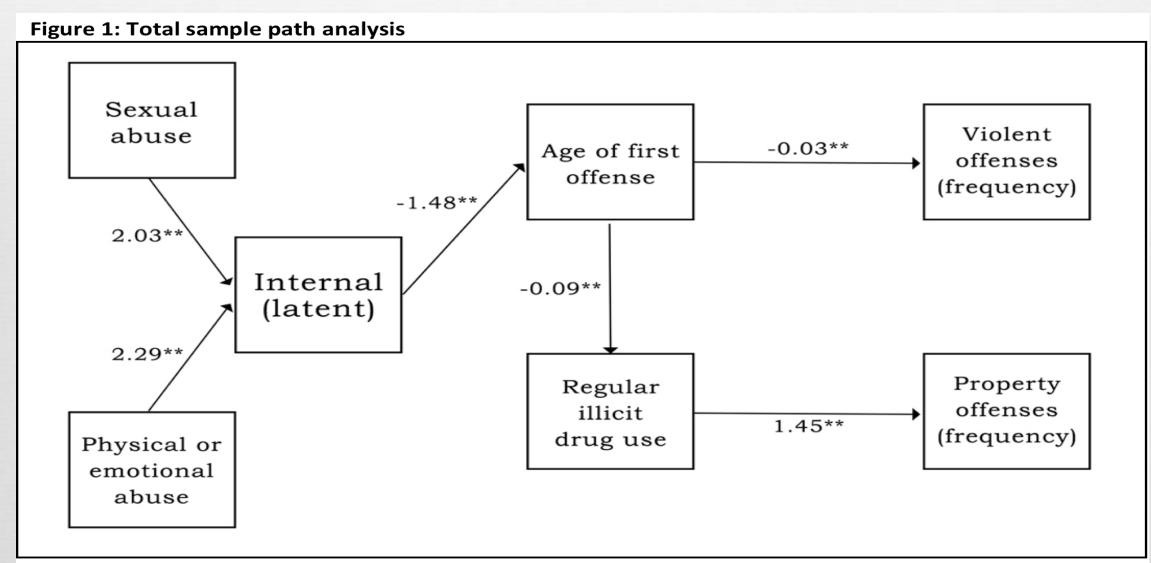
And, the older the age of onset, the less common these experiences become.

# Findings

## How do these risks and behaviors inter-relate?

Expectation: abuse  $\rightarrow$  internalizing symptoms  $\rightarrow$  early onset offending  $\rightarrow$  substance abuse  $\rightarrow$  chronic property and violent offending

## Female Pathways to Offending



Note: Only statistically significant paths are included here. For a list of all paths, see Table 6

Source: Drug Use Careers of Offenders, Adult Female [AIC Computer File]

## Key Results

Chronic, early-onset female offending linked to childhood abuse
 Child abuse associated with early mental health symptoms, which leads to early involvement in crime

R This increases drug use, which leads to property offending

- R Coping and survival crimes
- Also increases violent offending directly

IMPORTANT NOTE: This is primarily and early-onset chronic pathway—Does NOT apply to all female offenders (22% in our female prisoner sample)

# **Policy Implications**

R Implications for addressing chronic, early-onset female offending

Revention: Early intervention for females exposed to child abuse

- Resure a safe environment for the child
- Address behavioral problems (early delinquency)
- Reach effective coping strategies (avoid self-medicating)

## R Intervention: Programming for female prisoners

- Mental health treatment to address early trauma
- Substance abuse treatment that recognizes role of early trauma in abuse onset
- Relationship skills building—avoid unhealthy peer and partner patterns
- Reducation and job training

# Questions?



Thank you!

## Lisa Broidy, Professor, Sociology and Criminology lbroidy@unm.edu

## Office of Academic Affairs

## Key Goals for 2017-2018

## Richard L. Wood

# Senior Vice Provost for Academic Mission (interim)

## Presentation to Academic, Student Affairs & Research

**UNM Board of Regents** 

October 5, 2017



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## Office of Academic Affairs

## Background:

Born & raised in New Mexico

: Organic Chemistry: 1982 (early-generation DNA sequencing)

Taught in Mexico & Central America: 1983-1987

M.A. Theology: 1989 Ph.D. Sociology 1995



## Office of Academic Affairs

## Work at UNM:

Assistant to Associate to Full Professor 1996-now

## <u>Books</u>

(both University of Chicago Press): *Faith in Action* (2002)

A Shared Future: Faith-Based Organizing for Racial Equity & Ethical Democracy (2015)

## Teaching:

Sociology of Religion, Undergraduate Honors, Policing, Community Organizing, Research Methods, Social Theory



# Other roles at UNM:

Director of Religious Studies Program Chair of (faculty) Committee on Governance President of Faculty Senate Chairperson of Department of Sociology Special Advisor to the Provost (CoEd redesign) various search committees, advisory committees, task forces

Best role of all:

earch & teaching w/ young people from New Mexico!



# Nature of Senior Vice Provost Role at UNM:

- Advise the Provost on academic matters
- Keep 'trains running' despite thin staffing
- Legal & disciplinary side of faculty matters
  - Faculty hiring
- Tenure & Promotion: final recommendation Other portfolios: Int'l, community engagement,

equity & inclusion, strategic initiatives



# Key goals for 2017-2018:

- 1. Reinvigorate research/creative works side of academic mission:
  - [by lower barriers to faculty thriving, in collaboration with ADVANCE, an NSF-funded initiative at UNM]

Linked to Strategic Plan Objective 1.2.4:

Continue to develop and implement low-cost or nonmonetary rewards and recognition programs to improve faculty morale



### 2. Lead Task Force to recommend goals & new organizational structure for Division for Equity & Inclusion

#### Linked to Strategic Plan Objective 3.1.3:

Complete assessment and begin implementation of Equity & Inclusion structure and objectives



### 3. Facilitate reinvigoration & systematization of Community Engagement efforts at UNM

<u>Linked to Strategic Plan Objective 3.2.1</u>: Assess structure and develop an assessment tool for effectiveness of our community internship programs



# 4. Advise Provost regarding new structural and organizational solutions at UNM

Linked to Strategic Plan Objective 7.2.1: Evolve and develop a proposal for the Innovation Academy structure in conjunction with re-envisioning University College



# 5. Coordinate work of Global Education Office (directed by Dr. Nicole Tami) & Latin American & Iberian Institute (directed by Dr. Bill Stanley)

Linked to Strategic Plan Objective 1.1.2:

velop international student recruitment strategic plan.



6. HLC accreditation:

- a. Spearheading solutions to new'Faculty Credentials' reporting burden
- b. Co-chairing (with Nicole Dopson): HLC Criterion 5: Resources, Planning and Institutional Effectiveness

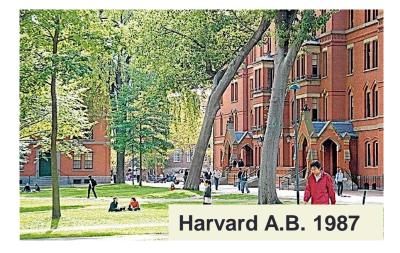
Linked to "other duties as assigned"

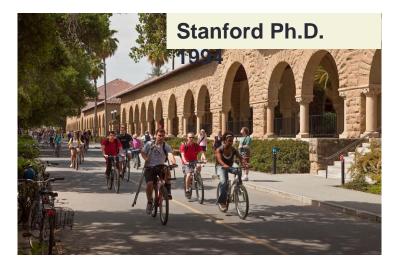


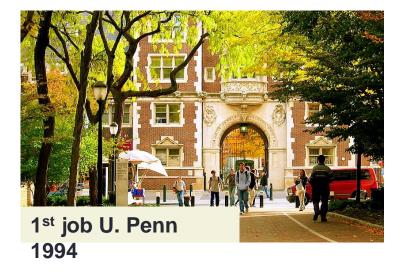
### INTERIM ASSOCIATE PROVOST FOR CURRICULUM AND ASSESSMENT

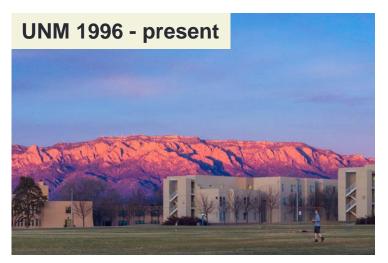
Dr. Pamela Cheek

A career devoted to delivering a research-based education in the humanities at a diverse public university:









# At the University of New Mexico

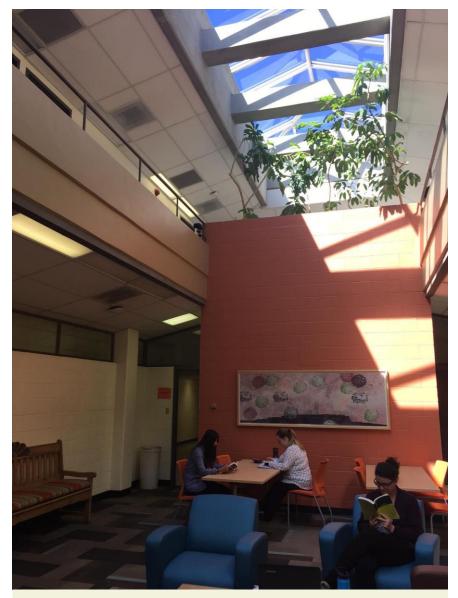
Courses: from beginning French to graduate literary theory.

Service: from organizing cultural studies lecture series to chairing a department.

Support: from mentoring to helping the UNM Foundation fund and administer Bilinski Humanities fellowships.

Research: from travel in the age of Enlightenment to networks of writers.

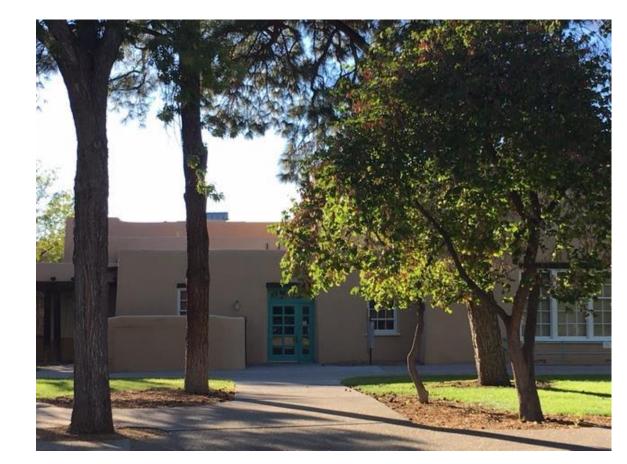
Advocacy: from fundraising for these Commons to collaborating on General Education redesign.



World Languages Commons in Ortega Hall

# 2017-18 Goals:

 Strengthen General Education at UNM



#### Streamline Academic Assessment

Prepare for Higher
 Learning Commission
 Reaccreditation



#### GENERAL EDUCATION SNAPSHOT

Keeping momentum: ease of transfer & improving 4year graduation rate.

Teaching and repeating skills across General Education in LEAP areas;

Distinguishing UNM's general education for its coherence, variety and quality;

Retaining and funding high impact practices in GE so that students don't fall behind.

#### **TAB 5**

(Presentation to be added)

**Enrollment Update, Financial Implications & Online Programs** 

Terry Babbitt, Vice Provost for Enrollment & Analytics



# **UNM Research – Fiscal Year 2017** Advancing Discovery, Creativity & Innovation

**Gabriel P. López** UNM Vice President for Research

Board of Regents Academic Student Affairs & Research | October 5, 2017



# We Are New Mexico's

# Flagship University

# Designated By Carnegie As

# "Highest Research Activity"



### Our Research & Scholarship Landscape Is Vibrant, Richly Complex & Ever-changing

#### **Cross-Cutting Research Areas**

 Bioinformatics & Collections-Based Research | Ecology & Climatology | Human Evolution, Social & Behavioral Dynamics, And Addictions | Materials & Optical Science & Engineering

#### Areas of Research & Scholarship Strength

 Computational & Data Sciences | High Energy Density Physics | Medieval Studies | Quantum Information Science | Regional Resource Economics, Water, & Environment | Southwest Anthropological Research & Socio-Cultural Studies | Latin American Studies | Land Arts Of The American West

#### Developing Areas of Research & Scholarship Strength

 Community Engaged Arts, Education & Public Health | High Performance Computing | Neuroscience, Learning, Cognition & Memory | Clean Energy Systems

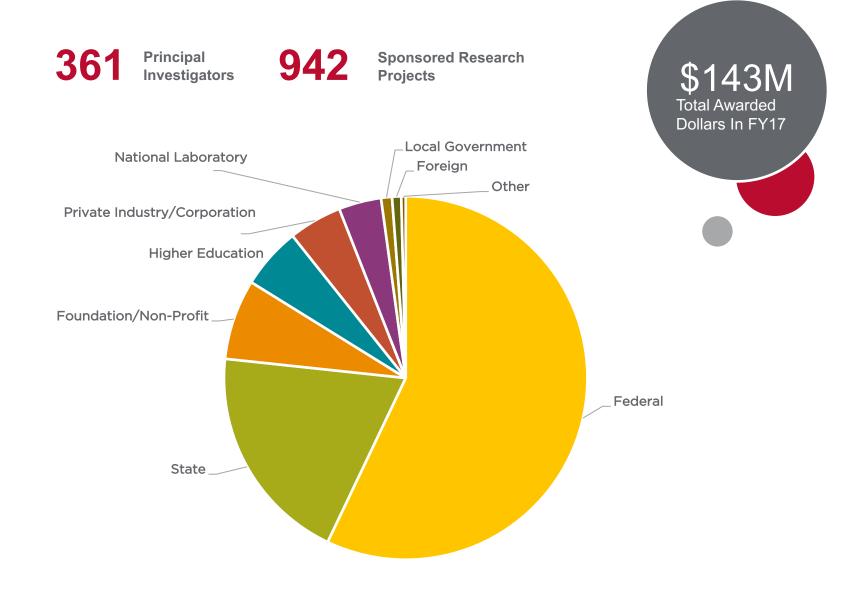
#### http://research.unm.edu/research-focus-areas



#### FY 17 Sponsored Research Projects

#### **Top Ten Funding Agencies**

- \$35M National Science Foundation
- \$15M New Mexico Children Youth and Family Department
- \$11.5M National Institutes of Health
- \$9M Department of Education
- \$6M Air Force Office of Scientific Research
- \$3M NM Public Education Department
- \$2.7M Sandia National Laboratories
- \$2.6M New Mexico Higher Education Department
- \$2.3M Air Force Research Laboratory
- \$2.3M New Mexico Department of Transportation



5



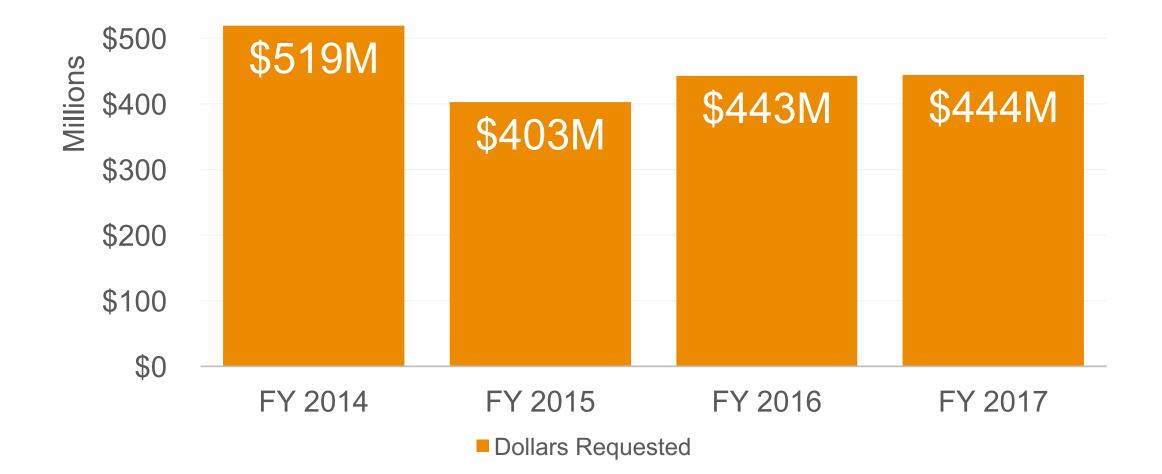
# **OVPR Financial Activity FY14-17**

http://research.unm.edu/charts



## **Proposals**

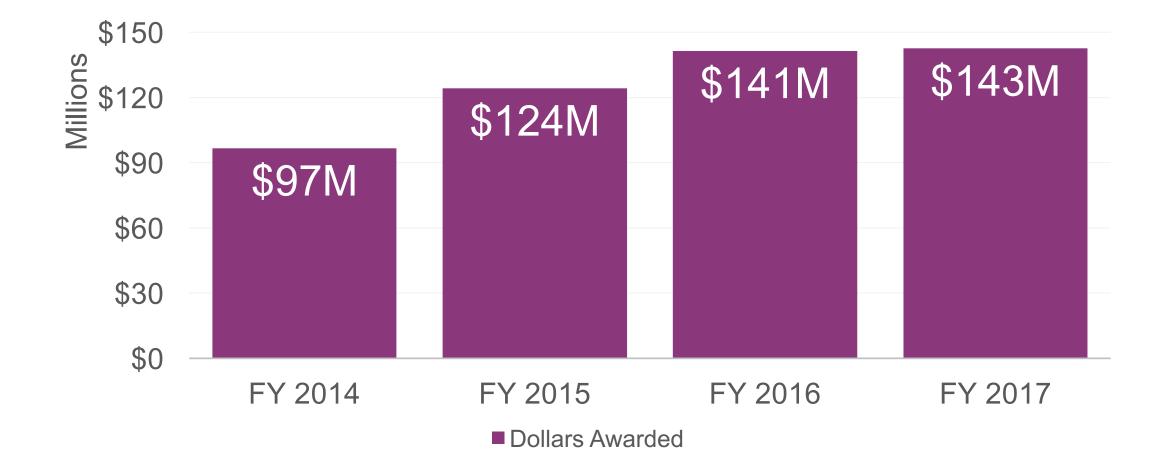
UNM Main & Branch Campuses





## Awards

UNM Main & Branch Campuses

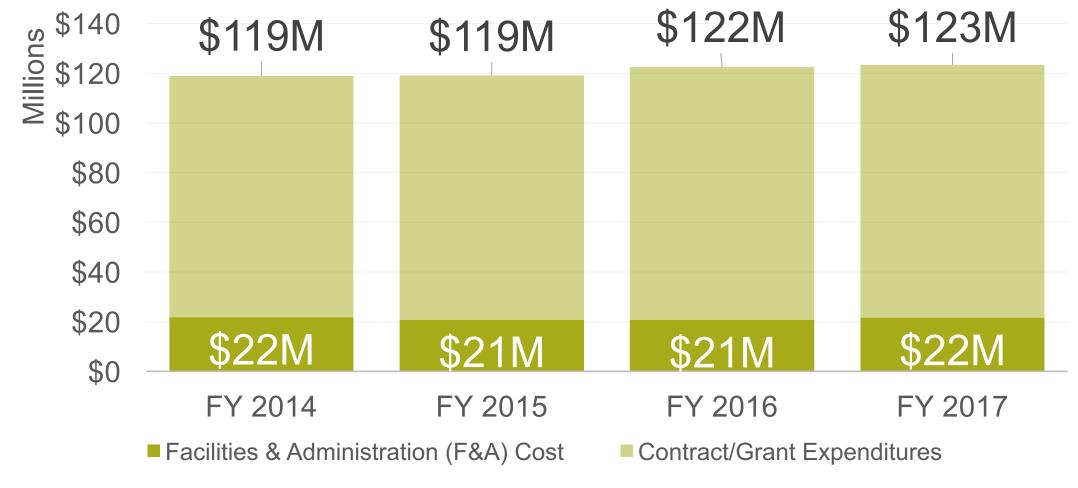


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### **Contract/Grant Expenditures**

UNM Main & Branch Campuses



Note: Excludes Financial Aid





# We Fuel The Growth Of High-Tech Industry In New Mexico

Since 1996, STC.UNM, the University's technology transfer arm, has

- Filed 1,356 patent applications
- Received 597 issued U.S. patents
- Executed 583 license and option agreements
- Spun off 113 start-up companies from UNM technologies

In Fiscal Year 2017, STC.UNM generated \$2,050,437 in income<sup>1</sup>.

Among its 16 peer institutions, for every \$2 million in research dollars spent, UNM is

- 4th in number of invention disclosures
- 2nd in number of licenses and options signed
- 13th in licensing income
- 3rd in number of start-up companies created

#### Find more information at STC.unm.edu

<sup>1</sup>Combined licensing revenue and patent cost reimbursement revenues



# Appendices

Notable Events Research Headlines OVPR Highlights Research Strategic Plan Progress



# **Notable Events**

Research Recognition Outreach



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Distinguished Professor Vince Calhoun Presented UNM's 62<sup>nd</sup> Annual Research Lecture.

April 19, 2017 Discovering Patterns Of Promise For Unraveling The Mystery Of The Brain In Health And Disease



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Associate Professor Claudia Isaac Presented UNM's 2<sup>nd</sup> Annual Community Engaged Research Lecture.

May 4, 2017 Community-Based Planning: Co-creating Knowledge And Action





### Showcasing Our Research Excellence

From state-of-the-art laboratory spaces to world-renowned faculty, UNM is rich in physical and intellectual resources.





**19 April 2017** UNM Briefs U.S. Senator Martin Heinrich on NSF Funding & Opportunities

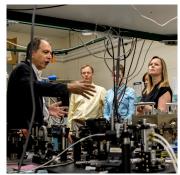


**3 May 2017** DoD Information Day At UNM With Dr. Robin Staffin, Director of DoD Basic Research



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**12 September 2016** Navy Week At UNM – Focus On Research With Rear Admiral Phillip G. Sawyer



**6 June 2017** AFOSR Information Day At UNM With Dr. Charles Matson, AFOSR Chief Scientist



# **Research Headlines**

http://news.unm.edu

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### Groundbreaking discovery confirms existence of orbiting supermassive black holes

June 27, 2017 | Observed galaxy is 750 million light years from Earth

For the first time ever, astronomers at The University of New Mexico say they've been able to observe and measure the orbital motion between two supermassive black holes hundreds of millions of light years from Earth – a discovery more than a decade in the making.





# Using genomics to fight deadly parasitic disease

May 16, 2017 | UNM researcher leads team of more than 100 scientists

An international team of researchers, led by University of New Mexico Associate Professor Coenraad Adema, is now one step closer to eliminating a deadly parasitic disease responsible for killing hundreds of thousands of people around the world every year.



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# How Native languages lead to better outcomes

March 2, 2017 | Multi-university study to look at Indigenous language immersion schools

The University of New Mexico is part of a \$1 million, multi-university study designed to examine the effect Indigenous-language immersion schools have on Native American student success, both in the classroom and beyond.





# Exhaling Earth: scientists closer to forecasting volcanic eruptions

October 6, 2016 | UNM Volcanologist Tobias Fischer leads research

On average, 40 volcanoes on land erupt into the atmosphere each month, while scores of others on the seafloor erupt into the ocean. A new time-lapse animation uniting volcanoes, earthquakes, and gaseous emissions reveals unforgettably the large, rigid plates that make the outermost shell of Earth and suggests the immense heat and energy beneath them seeking to escape.

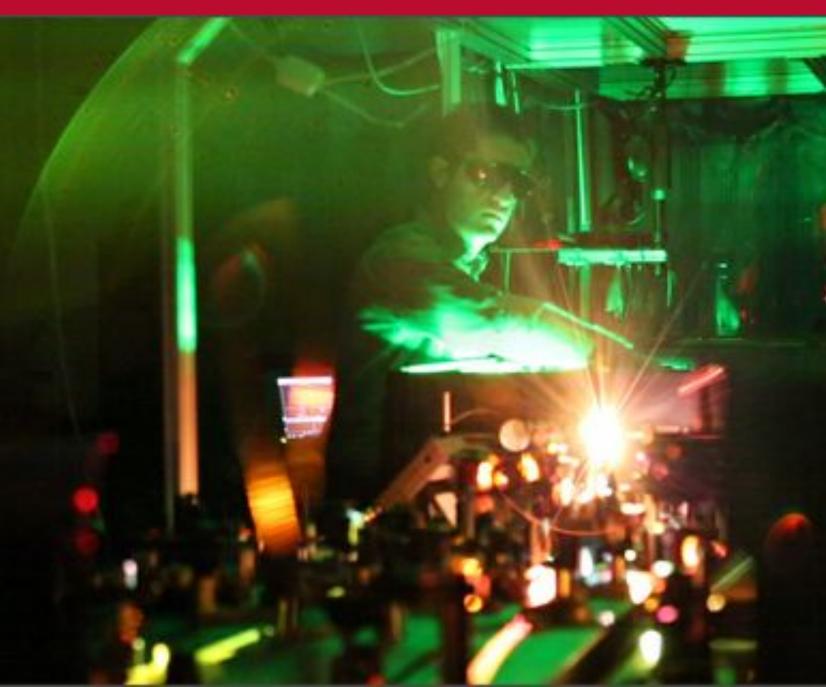




### Optical physicists record lowest temperature ever in solids using laser cooling

August 1, 2016 | PAIS facility will help group continue to be worldwide leader

When most people think about lasers, they usually imagine them generating heat and even setting something on fire. But, for a group of scientists in The University of New Mexico's Department of Physics & Astronomy, lasers are actually being used to reach temperatures colder than the Arctic Circle.





# **OVPR Highlights**



# New Leadership for OVPR Research Centers & Institutes



Patrick Bridges, Interim Director of the Center for Advanced Research Computing



Bárbara Réyes, Director of the Southwest Hispanic Research Institute





## **Accreditation Received!**

UNM Human Research Protections Program received full accreditation by the Association for the Accreditation of Human Research Protections Programs (AAHRPP), effective March 20, 2017



# Research 2020 – Operations & Aspirations

**Spring 2017 Action Plan Progress Summary** 

http://research.unm.edu/strategic-plan



# **Research Excellence**

Progress

| Goal  | Description   | Q3 | Q4 |
|-------|---|----|----|
| RE-2A | The OVPR will augment efforts within the three most promising, emerging<br>areas as identified in Research Excellence report (i.e., social and cultural<br>place-based research relating to the southwest, renewable energy and "water<br>in the west") by supporting efforts to develop externally funded proposals in<br>each of these areas. |    |    |
| RE-2C | The OVPR will proactively communicate an UNM vision for research (i.e., on<br>the OVPR website, the OVPR Annual Report and through presentations) that<br>includes areas of cross-cutting strength and planned investments into priority<br>research areas.   |    |    |
| RE-3B | The OVPR will initiate a closer working relationship with the Office of Community- Engaged Research.  |    |    |





Not Applicable



# Human Capital

Progress

| Goal  | Description   | Q3 | Q4 |
|-------|---|----|----|
| HC-1C | The OVPR will highlight researcher activities on the OVPR website (a minimum of once/month) and through increased PR work (bimonthly and on ad hoc basis). Researchers for whom a press release is submitted will be invited to a hosted lunch with their ADR and the VPR/AVPR. |    |    |
| HC-2C | The OVPR will coordinate with Graduate Studies and the Subject-Area<br>Librarians to develop a Pilot Program where graduate students provide<br>support for proposal preparation for departmental research involving graduate<br>student researchers.                           |    |    |

Some Progress 🔵 Good Progress 🔵 Completed





# Infrastructure

Progress

| Goal   | Description  | Q3 | Q4 |
|--|--|----|----|
| I-1A   | OVPR leadership will provide input into the goals and annual performance<br>review of the OSP Director to ensure a consistent focus on a PI/customer<br>service approach and will meet at least monthly with financial services<br>leadership to review processes and collaborations between OSP and FRDO.   |    |    |
| I-1D   | The OVPR and the Director of FRDO will work with OSP to evaluate and improve (if necessary) the quality of data and data reporting in Cayuse. The OVPR website will link to the new OSP dashboard.   |    |    |
| 1-2D   | The OVPR will invite the FAMIS Data Manager to make a presentation to<br>ADRs and Center Directors each year to communicate the importance of<br>keeping the FAMIS database updated with accurate information. In addition,<br>the OVPR will invite representatives from PPD & PDC to make a presentation<br>to ADRs and Center Directors regarding how to access architectural and<br>engineering services. |    |    |
| 🛑 Not Started 🛛 Some Progress 🔵 Good Progress 🔵 Completed 💭 Not Applicable |  |    |    |

Not Applicable



# Infrastructure

Progress (continued)

Not Started

| Goal | Description   | Q3 | Q4 |
|------|---|----|----|
| I-3A | OVPR will develop a mission statement and incorporate a stronger customer service based approach.   |    |    |
| I-3B | VPR and/or AVPR (with the appropriate ADR) will regularly attend department faculty meetings to hear and address research concerns and promote OVPR mission and services.   |    |    |
| 1-3C | The OVPR will create an easily accessible "road map" of the UNM research process and resources to be posted on the OVPR website.  |    |    |
| I-3D | The OVPR will serve as an advocate for the research community and will continue, on a case-by-case basis, to assist and facilitate interactions with support offices to ensure that important research needs are met in a timely and satisfactory manner. |    |    |

Some Progress 🔵 Good Progress 🔵 Completed



# Infrastructure

Progress (continued)

| Goal | Description   | Q3 | Q4 |
|------|---|----|----|
| I-4A | OVPR will provide input into Central IT restructuring process to ensure research-computing needs are addressed. |    |    |

