

IRMA LERMA RANGEL
COLLEGE OF PHARMACY



State

OF THE **COLLEGE ADDRESS**

Indra K. Reddy, Ph.D.
PROFESSOR AND FOUNDING DEAN

IRMA LERMA RANGEL COLLEGE OF PHARMACY

Overview

- Our College Community
- Our Growth & Highlights
- Our Priorities
- Our Current & New Initiatives
- Our Future



Irma Lerma Rangel
PHARMACY
TEXAS A&M HEALTH SCIENCE CENTER

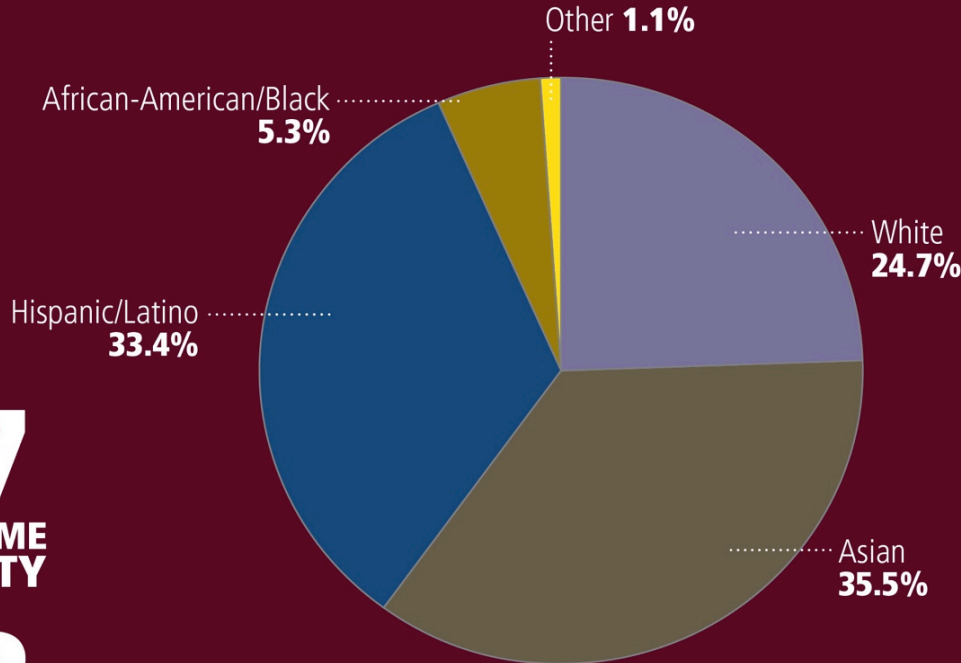
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BY THE NUMBERS

STUDENT DIVERSITY (2015-2018)

377 = **206** + **171**
STUDENTS WOMEN MEN

395
GRADUATES
2010-2014



23% PURSUE RESIDENCIES
Classes of 2013-2014

41% PRACTICE IN SOUTH TEXAS
Classes of 2010-2014

55% PRECEPTORS
Classes of 2010-2012

60% PRACTICE IN UNDERSERVED AREAS
Classes of 2010-2013

47
FULL-TIME FACULTY

32
STAFF MEMBERS

7
POST-DOCTORAL FELLOWS AND GRADUATE RESEARCH ASSISTANTS

over **300*** PRECEPTORS
over **1,000** PRECEPTOR NETWORK

over **200*** HEALTH CARE PARTNERSHIPS

* 2013-2014 academic year
August 2014



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VICE DEANS



Dr. Mary Chavez – Interim Vice Dean of the Kingsville Campus



Dr. Allison C. Rice-Ficht – Interim Vice Dean of the College Station Campus

NEW STAFF



Mr. Rolando Figueroa – Lab Manager in the Department of Pharmaceutical Sciences



Ms. Shelia Robinson – Education Program Assistant for the Offices of Student Affairs and Experiential Education (College Station)

Dr. Prabhjot 'Jotie' Saini – Post-Doctoral Research Associate in Dr. Majeti's Lab (College Station)



Dr. Zejun Wang – Post-Doctoral Research Associate in Dr. Hamouda's Lab



Ms. Debra Wood – Experiential Education Coordinator (College Station)

Dr. Jian Zhang – Post-Doctoral Research Associate in Dr. Choudhury's Lab

NEW FACULTY

Dr. Merlyn Joseph – Assistant Professor of Pharmacy Practice; Dr. Joseph's clinical site is Memorial Hermann Memorial City Medical Center in Houston, Texas.

Dr. Theresa Ofili – Assistant Professor of Pharmacy Practice; she is based in College Station and serves as a course facilitator



Dr. Dai Zhi – Post-Doctoral Research Associate in Dr. Zhu's Lab



Ms. Michelle Walbeck – Administrative Secretary, Pharmaceutical Sciences



Mr. Yudhishtar Bedi, M.S. – Research Assistant in Dr. Choudhury's lab



Dr. Sunitha Nukala – Post-Doctoral Research Associate in Pharmaceutical Sciences



Dr. Rishi Paliwal – Post-Doctoral Research Associate in Dr. Kumar's lab



IRMA LERMA RANGEL COLLEGE OF PHARMACY

CLASS OF 2018 (Kingsville Campus)



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CLASS OF 2018 (College Station Campus)



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IRMA LERMA RANGEL COLLEGE OF PHARMACY

CLASS OF 2018 (Both Campuses)

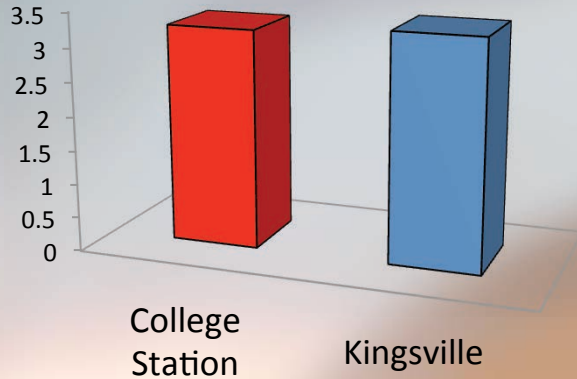


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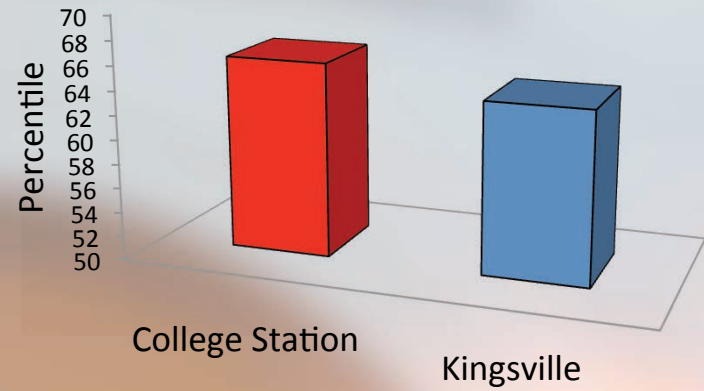
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Campus Specific Demographics

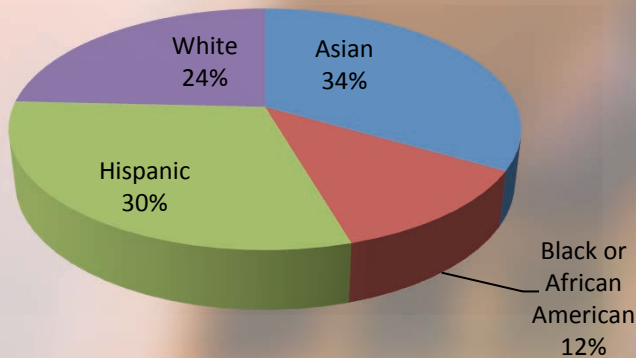
Average Cumulative GPA



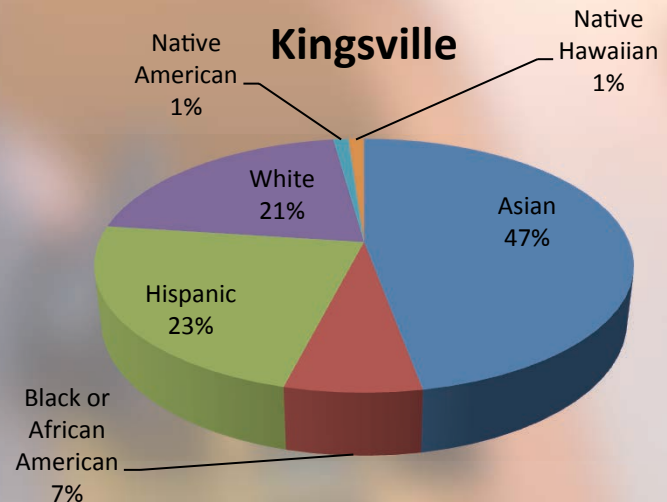
Average Composite PCAT Score



College Station



Kingsville



Our Growth & Highlights

- **ACPE Accreditation**
- **Institutional Memberships**
 - The International Pharmaceutical Federation (FIP)
 - The National Institute for Pharmaceutical Technology and Education (NIPTE)
- **New Space**
 - >20,000 sq ft in Reynolds Building
 - 1,500 sq ft in Adriance Building
 - Renovations & Upgrades



HEALTH SCIENCE CENTER

JOE H. REYNOLDS MEDICAL BUILDING



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COLLEGE STATION LECTURE HALL UPGRADES



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LECTURE HALLS 115 & 116



LECTURE HALL 132



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Faculty Research & Scholarship

- Grants & Contracts
 - Submitted = **53**
 - Awarded = **23**
- Publications
 - Accepted/in print = **52**
- Citations
 - More than **600**



Faculty Research & Scholarship

Total: **\$717,267** in grants and contracts:

- National Institutes of Health, **Kumar, Narendra; Co-PI: Mishra, Jaysree**
- National Institutes of Health, **Kumar, Narendra**
- National Corn Growers Association, **Palakurthi, Srinath**
- Bill and Melinda Gates Foundation, **Choudhury, Mahua**
- The Cunningham Trust, **Ravi Kumar, M. N. V.**
- Clinical Science & Translational Research (CSTR)/TAMHSC, **Lu, Dai**
- Connecticut Institute for Clinical and Translational Science, **Choudhury, Mahua**
- One Health Initiative -Texas A&M University, **Potter, David E. and Choudhury, Mahua**
- Coastal Bend Community Foundation, **Chavez, Mary; Alkhateeb, Fadi**

Faculty Research & Scholarship

Total: **\$717,267** in grants and contracts: (con't):

- Coastal Bend Health Education Center (CBHEC), **Alkhateeb, Fadi**
- Blue Cross Blue Shield of Texas, **Nieto, Veronica**
- Health Resources and Services Administration (HRSA), **Watzak, Bree**
- Department of Aging and Disabilities Services (DADS), **Watzak, Bree**
- National Institutes of Health (NIH), Co-PI: **Veronin, Michael**
- Macy Grant Foundation – Association of American Medical Colleges (AAMC), **Panahi, Ladan**
- March of Dimes, **Choudhury, Mahua**
- Kosciuszko Foundation Scholarship, **Choudhury, Mahua**
- Chinese Scholarship Council, **Lu, Dai**
- Mitsubishi, Japan, **Choudhury, Mahua**
- Hungarian Campus Scholarship, **Choudhury, Mahua**

Recognition & Accolades

IRMA LERMA RANGEL
COLLEGE OF PHARMACY

- **Dr. Srinath Palakurthi**
 - AACP Academic Research Fellows Program 2014-15
- **Dr. Fadi Alkhateeb**
 - Editor-in-Chief, *J. Pharm. Care & Health Systems*
 - Secretary, AACP Assessment SIG
- **Dr. Elaine Demps**
 - Secretary, AACP Technology in Pharmacy Education and Learning SIG
- **Dr. Victoria Pho**
 - Chair-Elect, AACP Geriatric SIG 2013-14



Recognition & Accolades

IRMA LERMA RANGEL
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- **Dr. Lin Zhu**
 - Controlled Release Society (CRS) T. Nagai Postdoctoral Research Achievement Award, July 2014
- **Dr. Indra Reddy**
 - 2014 Outstanding Alumnus Award, University of Florida College of Pharmacy
 - Chair-Elect, AAPS National Fellows Committee, 2013-14



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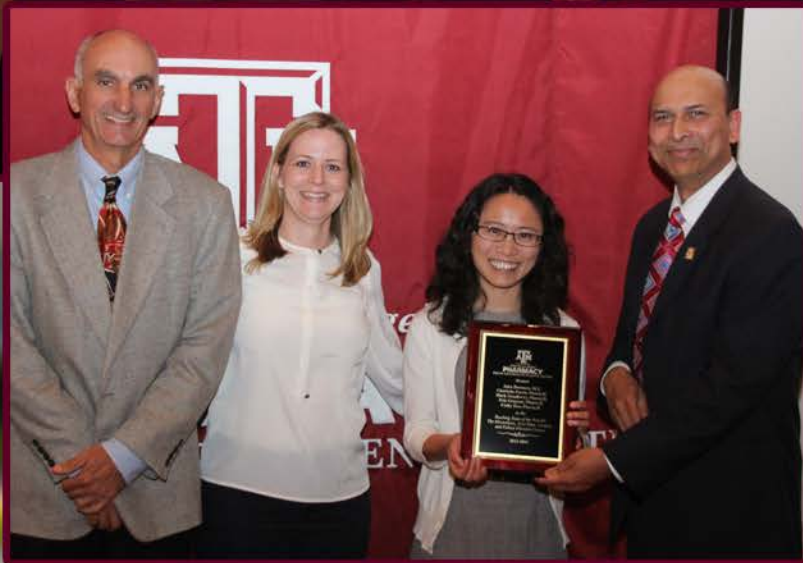
TEACHERS OF THE YEAR



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TEACHING TEAMS OF THE YEAR



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The Association of Former Students
of Texas A&M University
Distinguished Achievement Award College Level
to
Mark A. Bremick

**THE TEXAS A&M ASSOCIATION
OF FORMER STUDENTS
COLLEGE-LEVEL TEACHING AWARD**



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PRECEPTOR & FACULTY PRECEPTOR OF THE YEAR AWARD



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STAFF OF THE YEAR AWARD



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FIVE YEAR SERVICE AWARD



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TEXAS SOCIETY OF HEALTH-SYSTEM PHARMACISTS 2014 PHARMACY MENTOR AWARD



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Class of 2014 Residencies

Jesse Castillo	Cleveland Clinic	Cleveland, Ohio	Institutional
Regina Del Bosque	HEB	Austin	Community Care
Arohi Desai	Central Texas VA	Temple, Texas	Institutional
Alireza FakhriRavari	UIW Pharmacotherapy	San Antonio	Institutional/Academic
Kristie Gilliland	Baylor All Saints	Fort Worth	Institutional
Roland Gonzalez	Scott & White - Community	Temple, Texas	Community Care
Andrew Himself	Memorial Hermann System	Houston	Institutional
Gurbinder Jassar	Michael E. DeBakey VA	Houston	Administration
Madeline King	New York Presbyterian Hospital	New York, N.Y.	Institutional
Jennie Mathew	UT Southwestern	Dallas	Institutional
Brady McNulty	VA Medical Center	Roseburg, Org.	Institutional
Kim (Evans) Moore	Scott & White - Community	Temple, Texas	Community Care
Mila Moroz	Portland VA	Portland, Org.	Institutional
Amy Morrow	Scott & White	Temple, Texas	Institutional
Rachel Musgrove	Harris Health System	Houston	Institutional
Regina Roy	St. Luke's Episcopal Hospital	Houston	Institutional
Nephy Samuel	TTUHSC Pharmacotherapy	Lubbock	Institutional/Academic
Martin Strait	University of Rochester	Rochester, N.Y.	Institutional



Second Year Residencies & Fellowships

Residencies

Jessica Treptow	St. Luke's Episcopal Hospital	Houston, Texas	Infectious Diseases
Shyreene Dulyana	New York Presbyterian Hospital	New York, N.Y.	Critical Care
Julin Thomas	Houston Methodist Hospital	Houston, Texas	Critical Care
Nephy Samuel	Texas Tech University Health Science Center	Lubbock, Texas	Pharmacotherapy
Alireza FakhriRavari	University of Incarnate Word	San Antonio, Texas	Pharmacotherapy
Gurbinder Jassar	Michael E. DeBakey VA	Houston, Texas	Administrative

Fellowships

Jessica Treptow	St. Luke's Episcopal Hospital	Houston, Texas	Fellowship
Mahesh Kotagi	Rutgers Pharmaceutical Industry Fellowship	Piscataway, New Jersey	Fellowship





STUDENT NATIONAL AWARDS



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American Society of Health-System Pharmacists

Top 10 finalists in the National Skills Competition

December 2013

Orlando, FL



Amber Bacak



Ashley Fox



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Regional & State Awards

TSHP Annual Seminar

April 2014, Houston

- **Katie Taylor**, won first place in the Disease State Management competition.
- **Justin Shanks** and **Bryan Donald**, honorable mention in the P2-year section of the Clinical Skills Competition
- **Jesse Castillo**, Eustacio Galvan Memorial Scholarship
- **Purvi Patel**, Ginsburg Memorial Scholarship
- **Madeline King**, Jon Peyton Hudlow Memorial Scholarship



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VALOR, Pharmacy Internships Summer 2014



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Video-Based Training to Improve Preceptor Assessment of Student Clinical Skills

Douglas¹, Ashley Fox¹, Amber Bacak¹, Joan Everett-Houser¹, Cathy Koo¹, Heather Miller¹, Ver...
¹TM Health Science Center Irma Lerma Rangel College of Pharmacy, 2) VA Texas Valley Coa

Results

Video 1: Maria
Skill A - Novice

Video 2: Linda
Skill B - Excellent

Video 3: Ana
Skill C - Competent



Margaret
Video 4: Skill A - Excellent
Video 5: Skill B - Competent
Video 5: Skill B - Competent



Rate the quality of the faculty



Sponsored by
American Association of Colleges of Pharmacy
2013 New Investigator Award



Walmart Scholars Program



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Student Scholarships

Federal

- Multi-Year HRSA Grant (\$2.6M)
- \$609,635 total for FY14
- 156 scholarships awarded (~\$3,900.00 each)

Foundation

- Six Endowed Scholarships:
 1. Bexar County Pharmacy Association
 2. D.D. Hachar Charitable Trust and Lamar-Bruni Vergara
 3. Moore's Pharmacy Inc./Texas Pharmacy Foundation
 4. P.M. Rangel Family
 5. Tarrant County Pharmacy Association
 6. James Robertson Jr. Memorial Scholarship



Student Scholarships

Corporate

- CVS Caremark Charitable Trust Scholarship
- Walmart Scholarship
- Walgreens Diversity Scholarship

Other

- Dallas Area Pharmacy Association Scholarship
- Hispanic Heritage Professional Student Scholarship
- Technology Scholarship



Key Assessments

IRMA LERMA RANGEL
COLLEGE OF PHARMACY

- Four AACCP Surveys:
 - Graduating Students
 - Faculty
 - Alumni
 - Preceptor

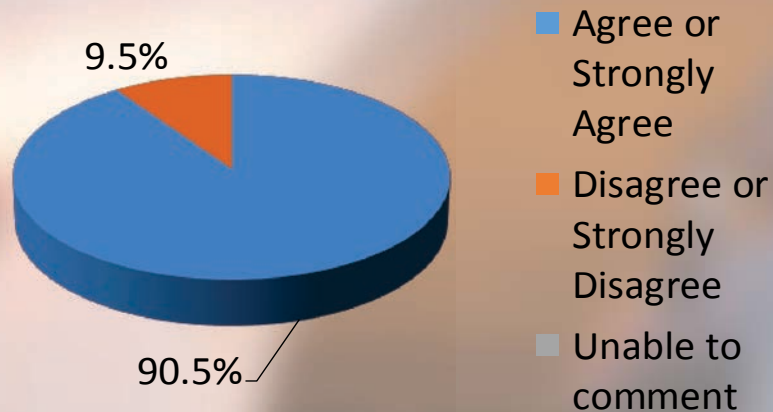


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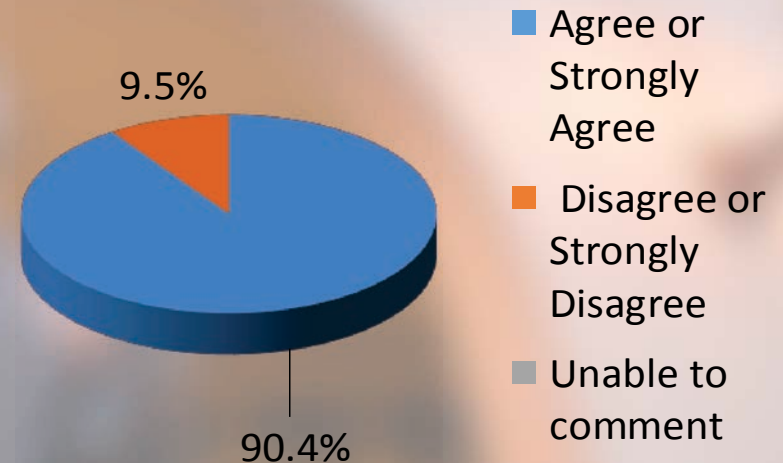
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AACP Faculty Survey

Programs are available to me to improve my teaching and to facilitate student learning

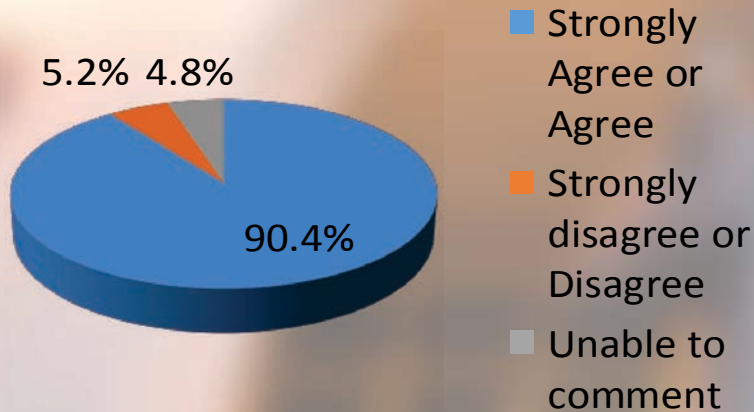


The curriculum is consistent with the collective vision of the faculty and administration

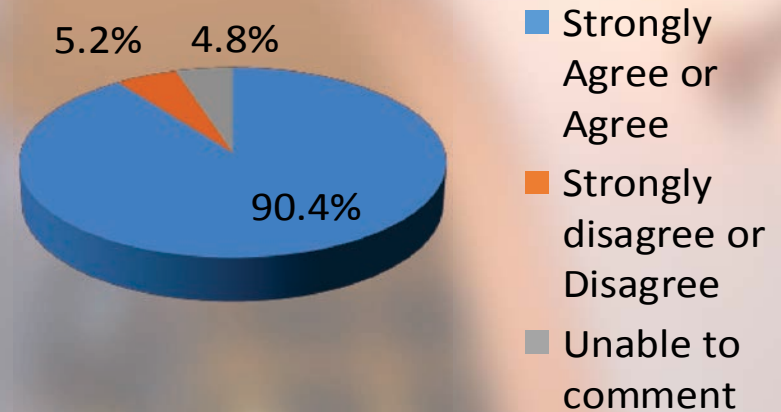


AACP Faculty Survey

The Pharm.D. program prepares students to communicate with patients, caregivers, and other members of the interprofessional health care team.



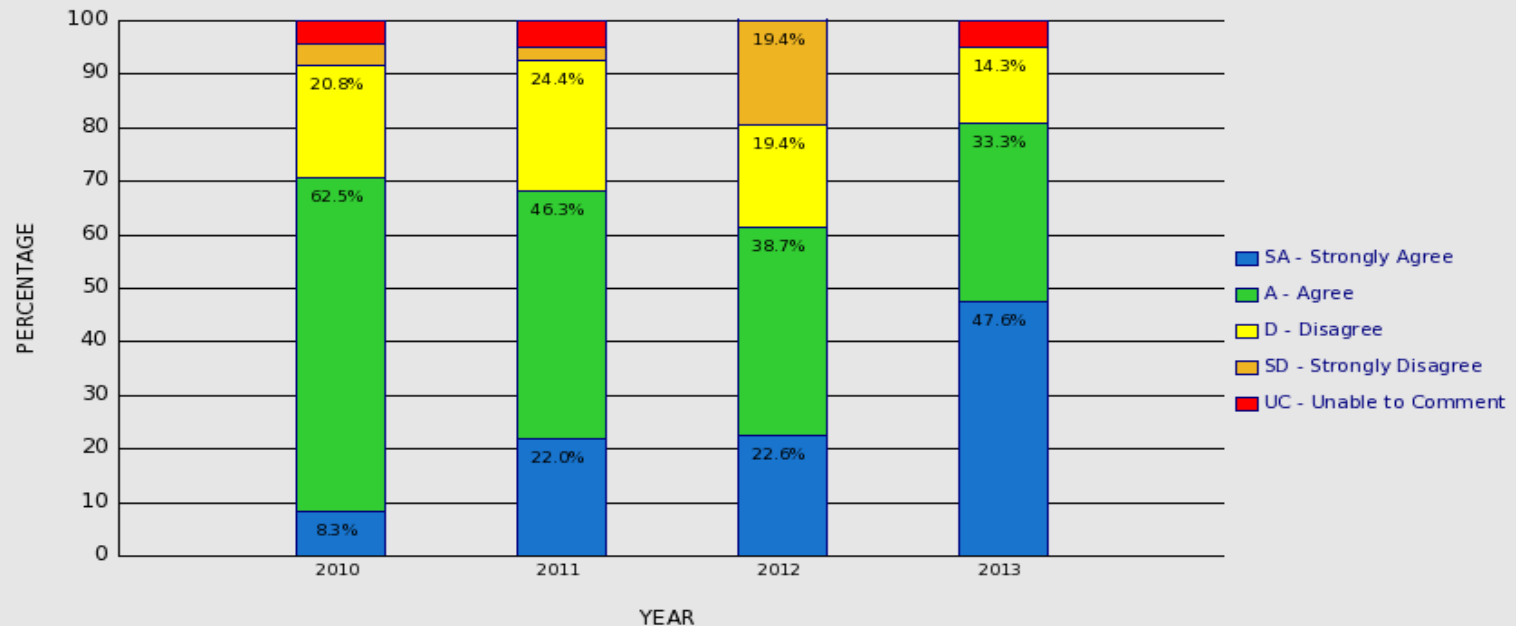
The Pharm.D. program prepares students to promote the availability of health promotion and disease prevention initiatives.



The College's administrators are responsive to my needs or problems

Texas A&M Health Science Center/Irma Lerma Rangel College of Pharmacy

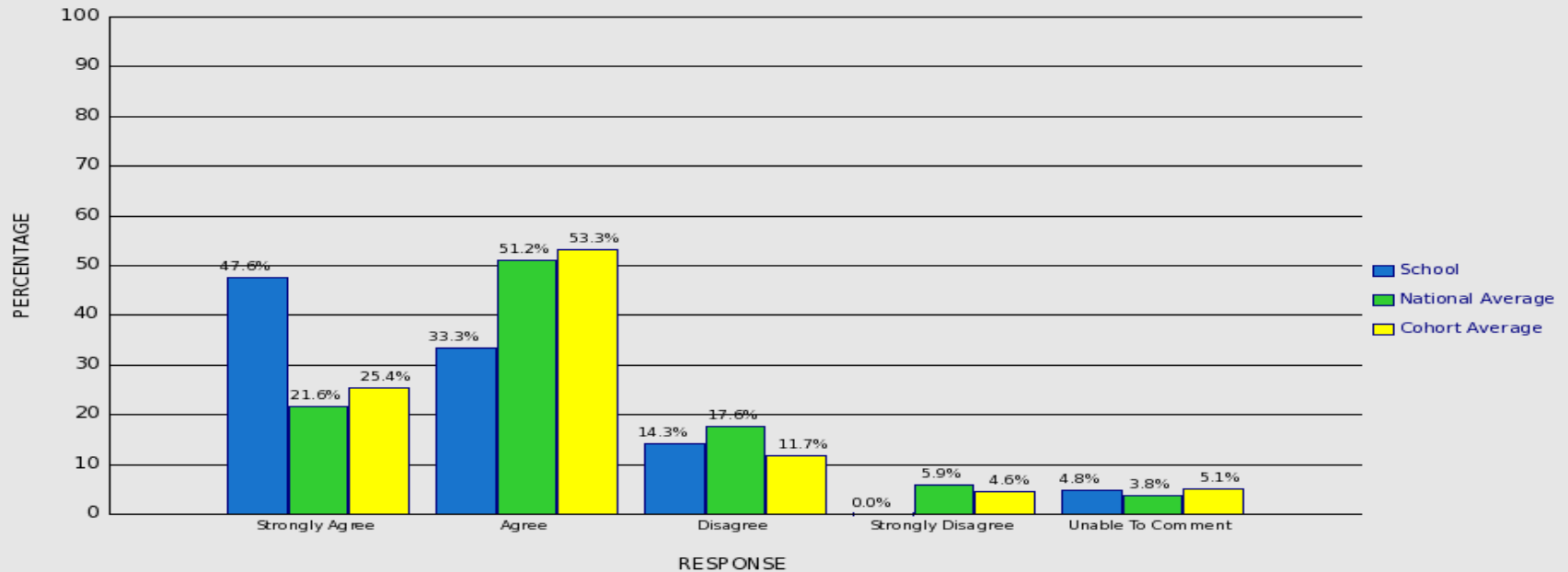
Longitudinal Data for Q4, Administrative System, Faculty Survey



Question 4: The college/school's administrator(s) are responsive to my needs/problems.
 Please note that in 2008, some questions had only the options of Agree, Disagree and Unable to Comment.
 However, these graphs are based on the latest survey specifications.

The College's administrators are responsive to my needs or problems

Texas A&M Health Science Center/Irma Lerma Rangel College of Pharmacy
 Question 4
 Administrative System, Faculty Survey
 Comparison with National and Cohort Data 2013 (School, n=21, National, n=3064, Cohort, n=197)



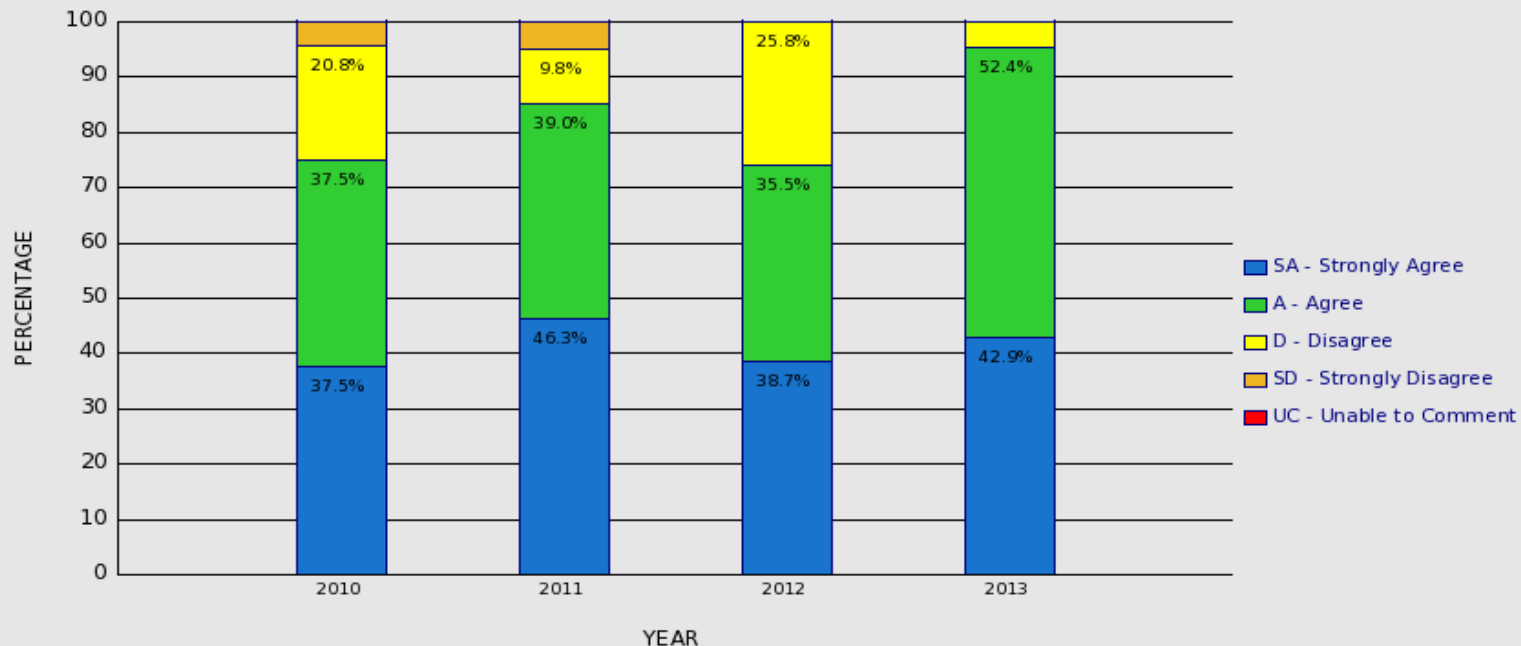
Question 4: The college/school's administrator(s) are responsive to my needs/problems.

Cohort: East Tennessee State University, The University of Arizona, The University of Tennessee Health Science Center, University of Houston, University of Missouri - Kansas City

The college has appropriate physical facilities to allow me to fulfill my responsibilities

Texas A&M Health Science Center/Irma Lerma Rangel College of Pharmacy

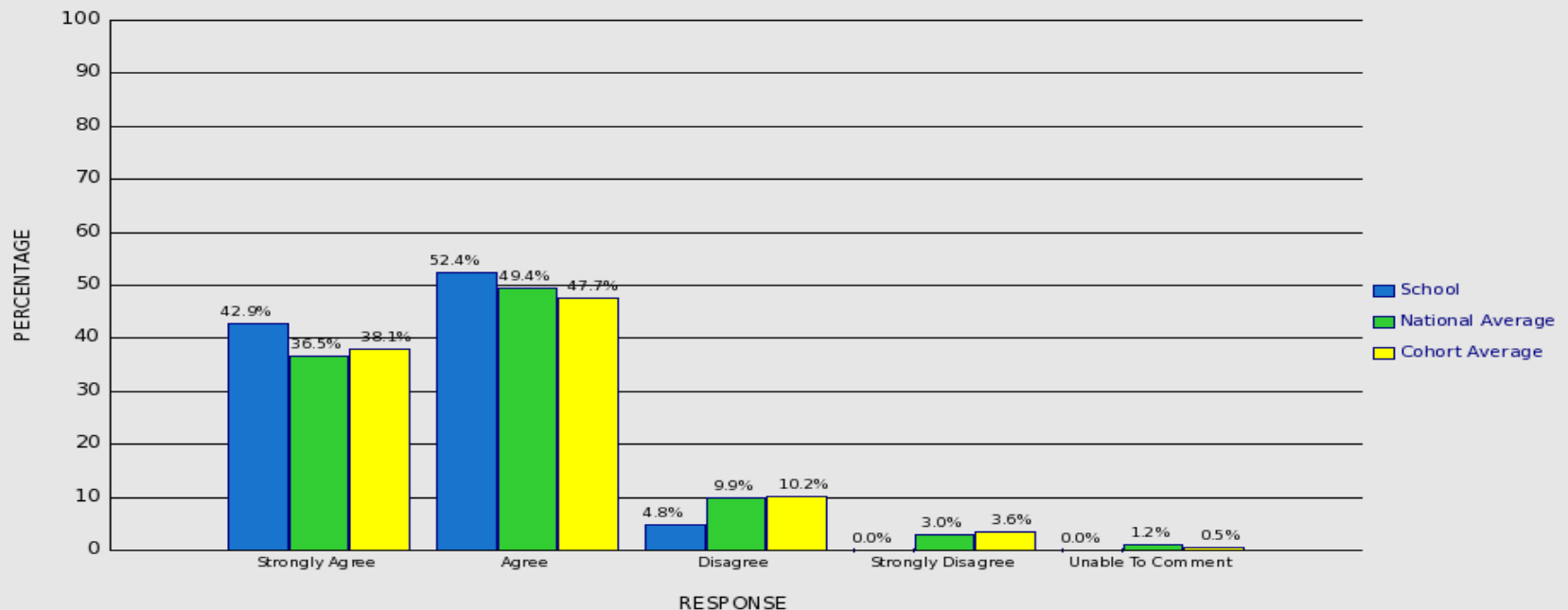
Longitudinal Data for Q26, Infrastructure, Faculty Survey



Question 26: The college/school has appropriate physical facilities to allow me to fulfill my responsibilities. Please note that in 2008, some questions had only the options of Agree, Disagree and Unable to Comment. However, these graphs are based on the latest survey specifications.

The college has appropriate physical facilities to allow me to fulfill my responsibilities

Texas A&M Health Science Center/Irma Lerma Rangel College of Pharmacy
Question 26
Infrastructure, Faculty Survey
Comparison with National and Cohort Data 2013 (School, n=21, National, n=3064, Cohort, n=197)



Question 26: The college/school has appropriate physical facilities to allow me to fulfill my responsibilities.

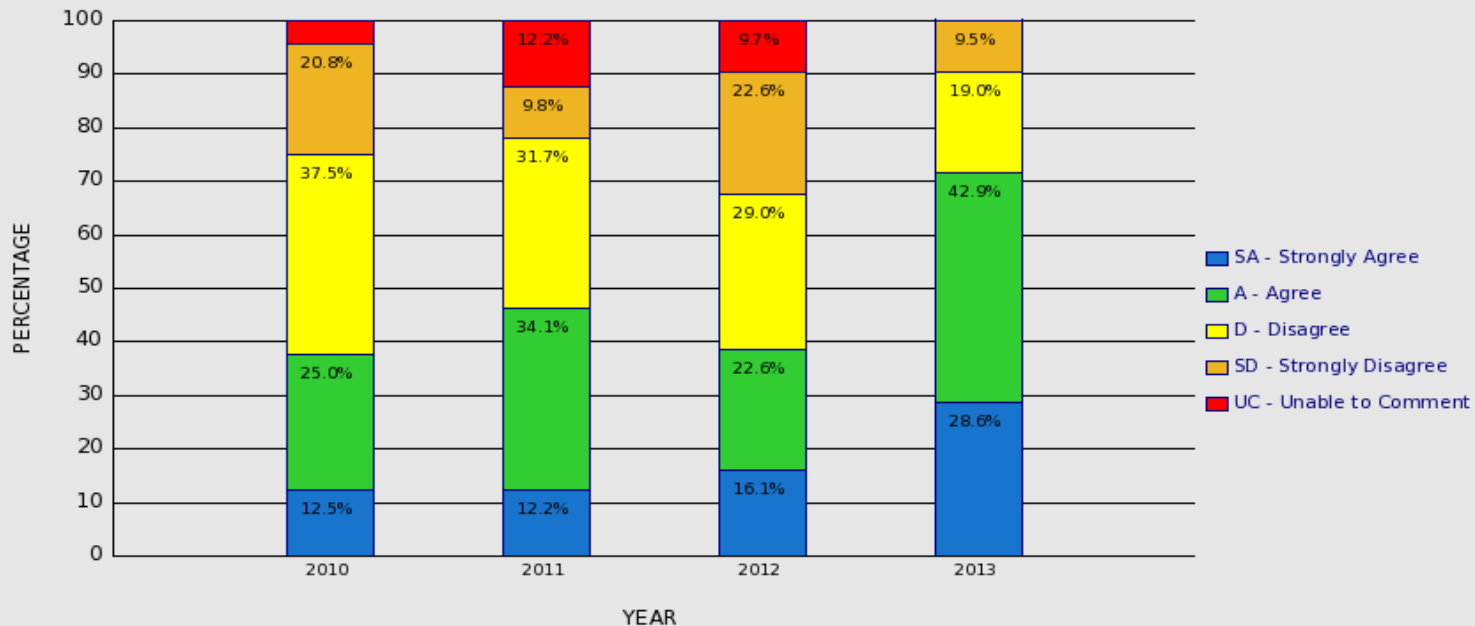
Cohort: East Tennessee State University, The University of Arizona, The University of Tennessee Health Science Center, University of Houston, University of Missouri - Kansas City



Programs are available to me that help me develop my competence in research and/or scholarship

Texas A&M Health Science Center/Irma Lerma Rangel College of Pharmacy

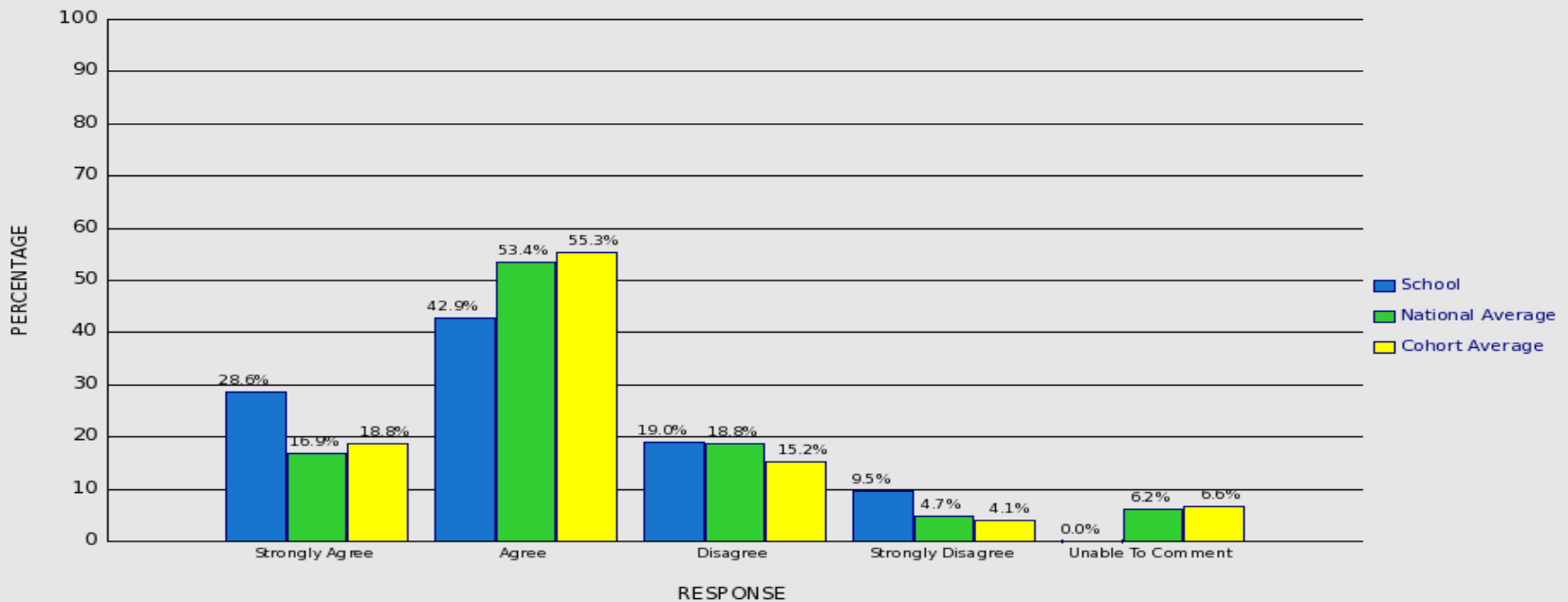
Longitudinal Data for Q37, Faculty Development, Faculty Survey



Question 37: Programs are available to me that help me develop my competence in research and/or scholarship. Please note that in 2008, some questions had only the options of Agree, Disagree and Unable to Comment. However, these graphs are based on the latest survey specifications.

Programs are available to me that help me develop my competence in research and/or scholarship

Texas A&M Health Science Center/Irma Lerma Rangel College of Pharmacy
 Question 37
 Faculty Development, Faculty Survey
 Comparison with National and Cohort Data 2013 (School, n=21, National, n=3064, Cohort, n=197)

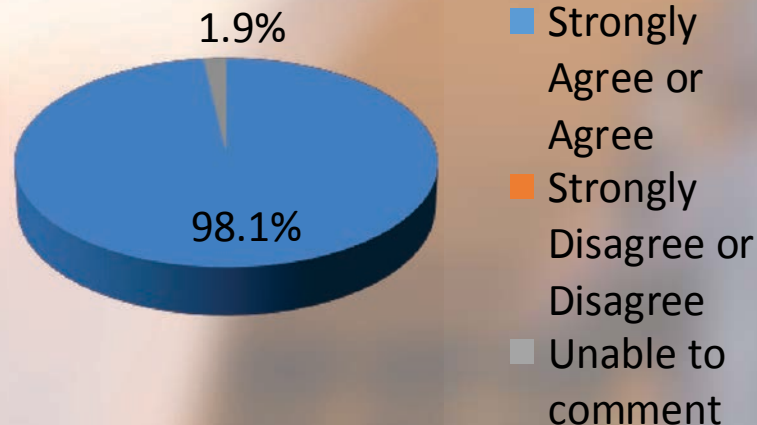


Question 37: Programs are available to me that help me develop my competence in research and/or scholarship.

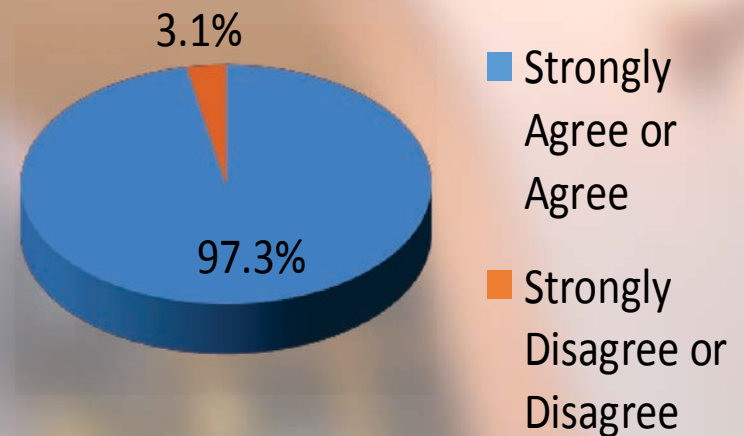
Cohort: East Tennessee State University, The University of Arizona, The University of Tennessee Health Science Center, University of Houston, University of Missouri - Kansas City

AACP Preceptor Survey

The Pharm.D. Program prepares students to maintain professional competence.

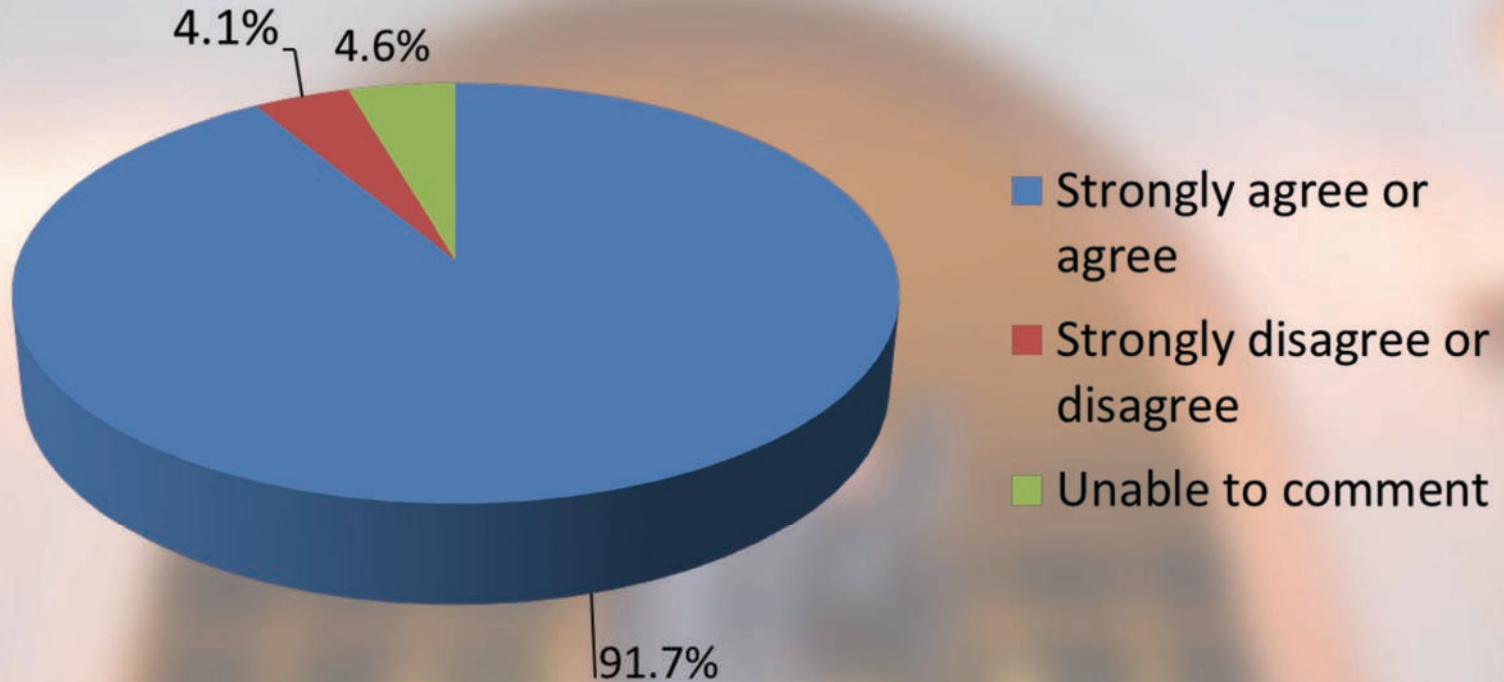


The Pharm.D. Program prepares students to communicate with patients, caregivers, and other members of the interprofessional health care team



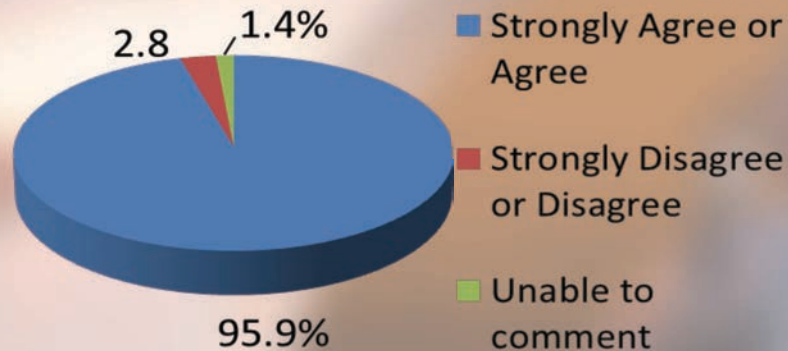
AACP Preceptor Survey

The Pharm.D. program prepares students to effectively manage a patient-centered pharmacy practice

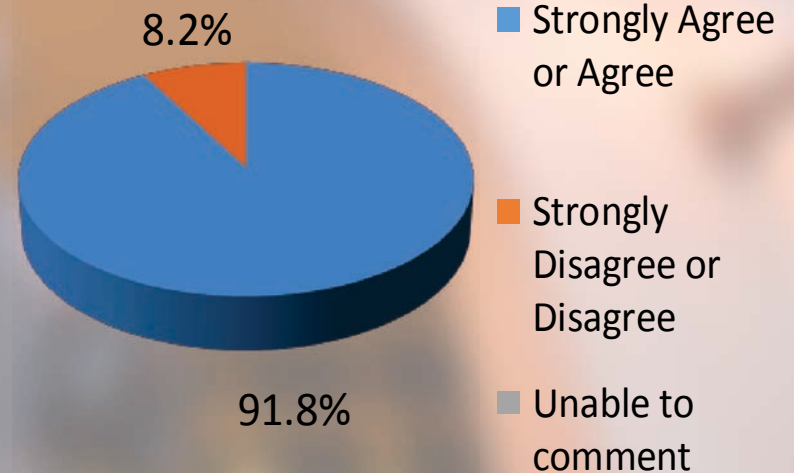


AACP Graduating Students Survey

I am prepared to enter pharmacy practice

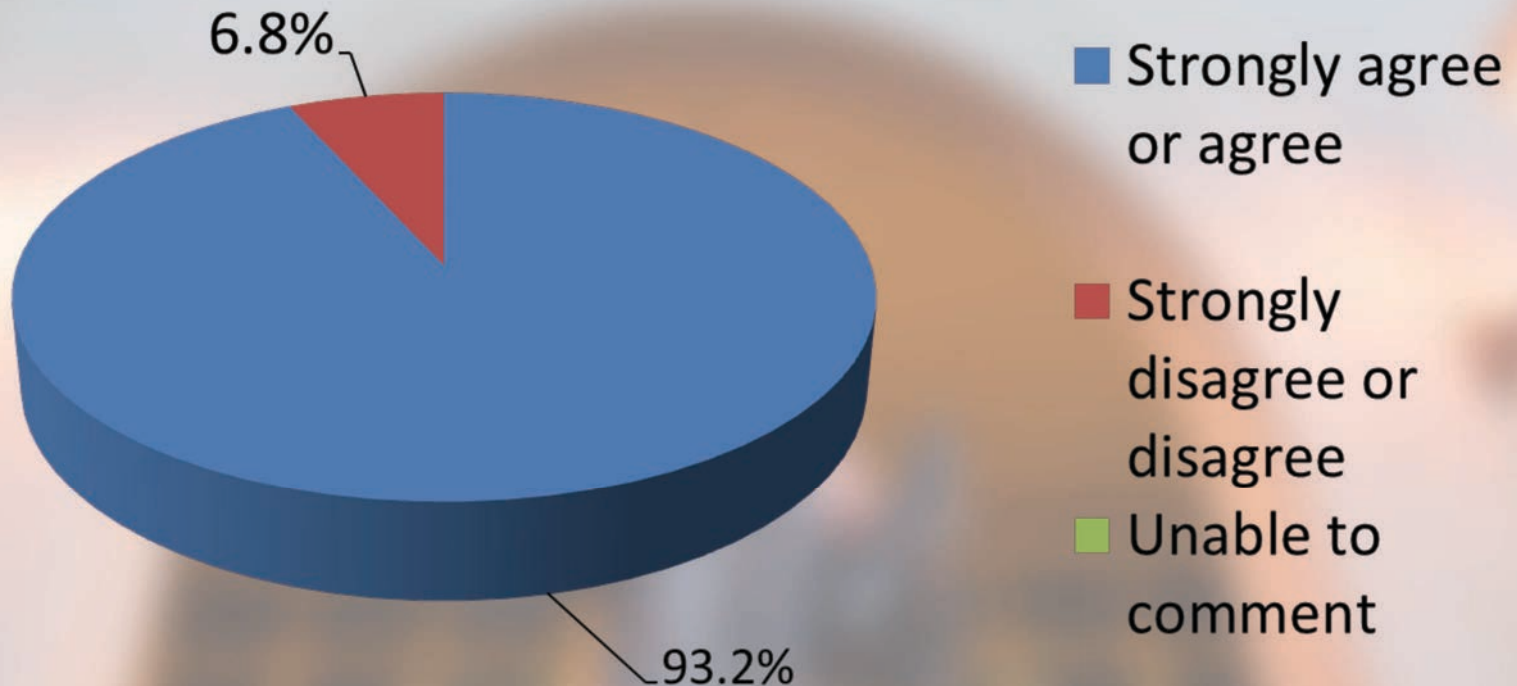


If I were starting my pharmacy program over again I would choose the same college/school of pharmacy.



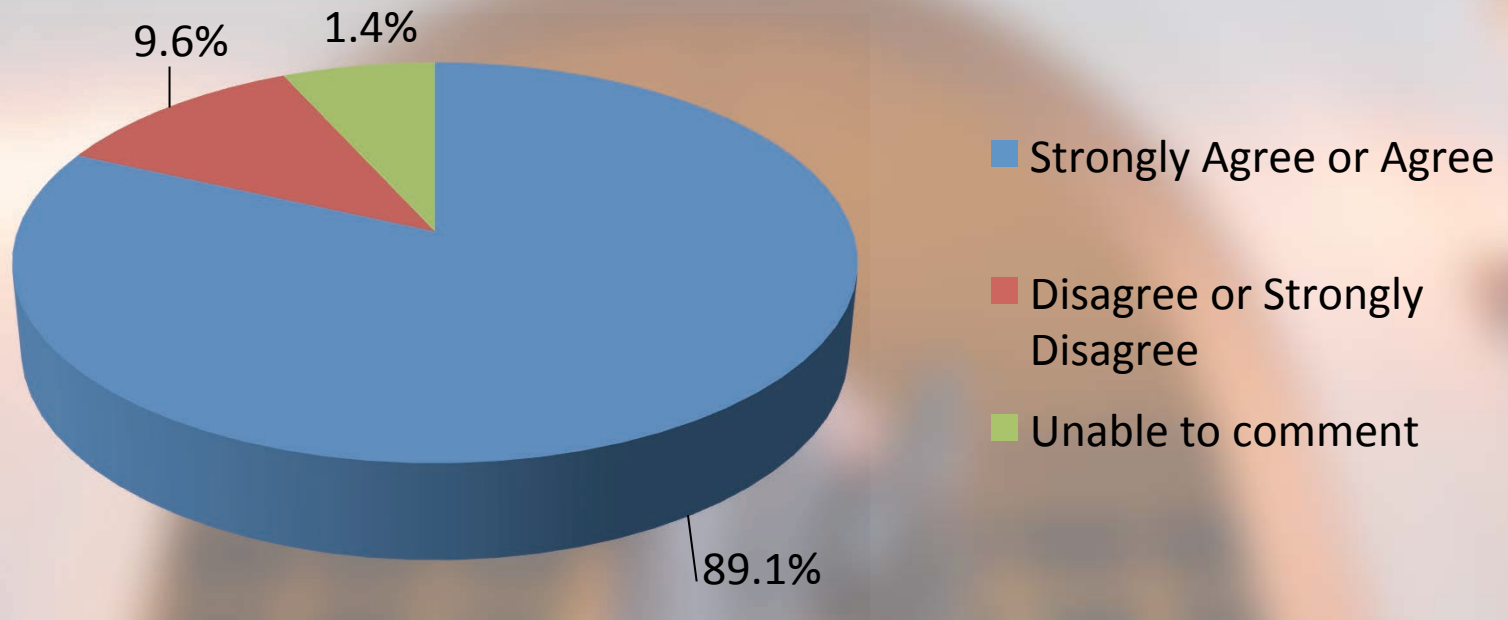
AACP Graduating Students Survey

**If I were starting my college career over again,
I would choose to study pharmacy**



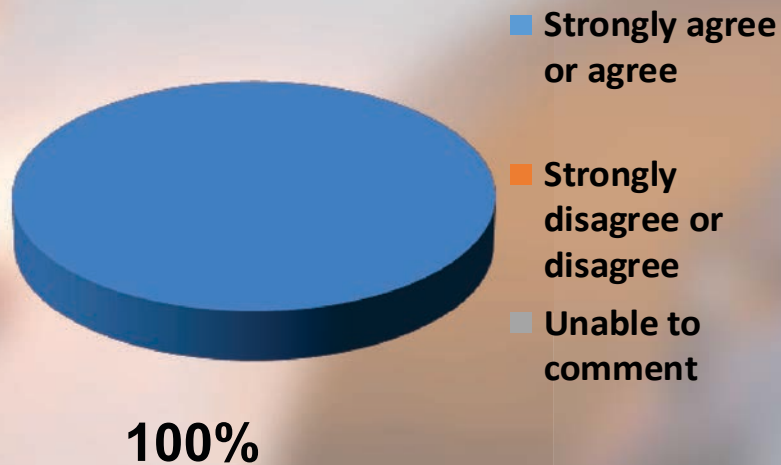
AACP Graduating Students Survey

I would recommend a career in pharmacy to a friend or relative

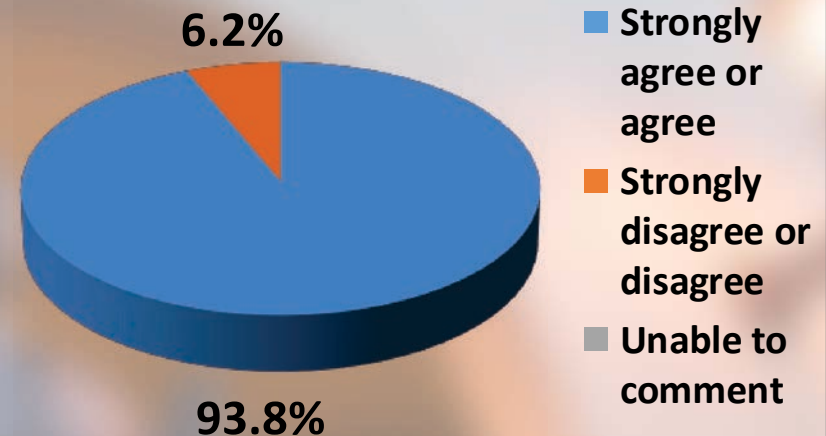


AACP Alumni Survey

The Pharm.D. program prepared me to maintain professional competence

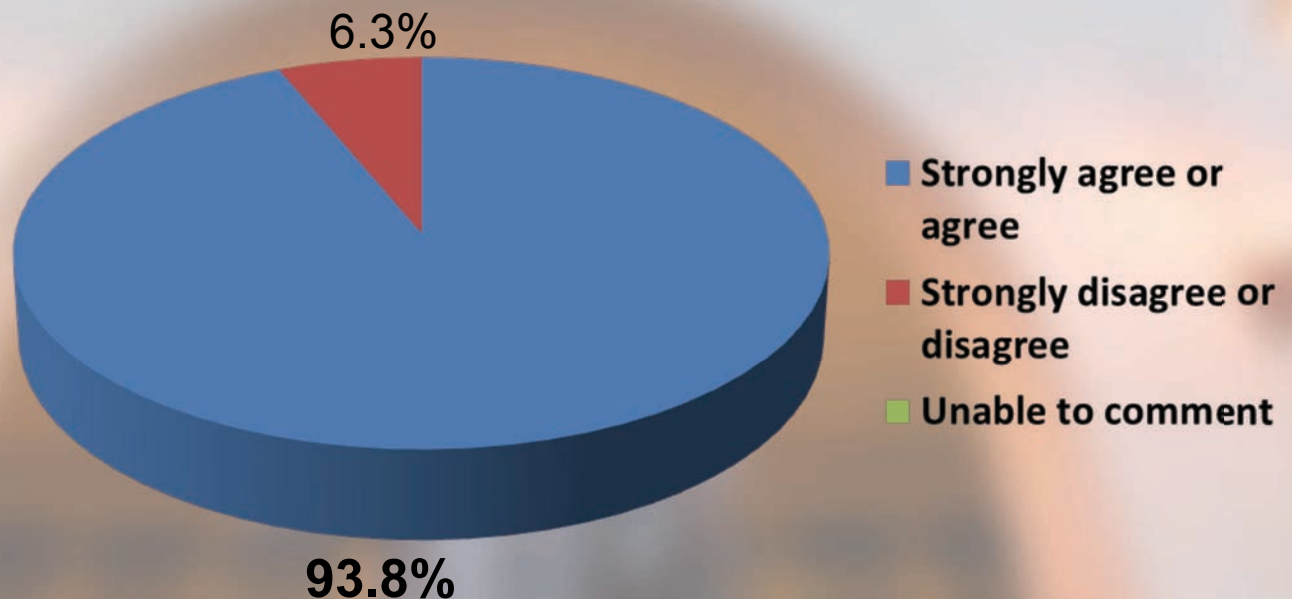


As I reflect on my pharmacy education, I would rate the overall quality of my education experience as very good



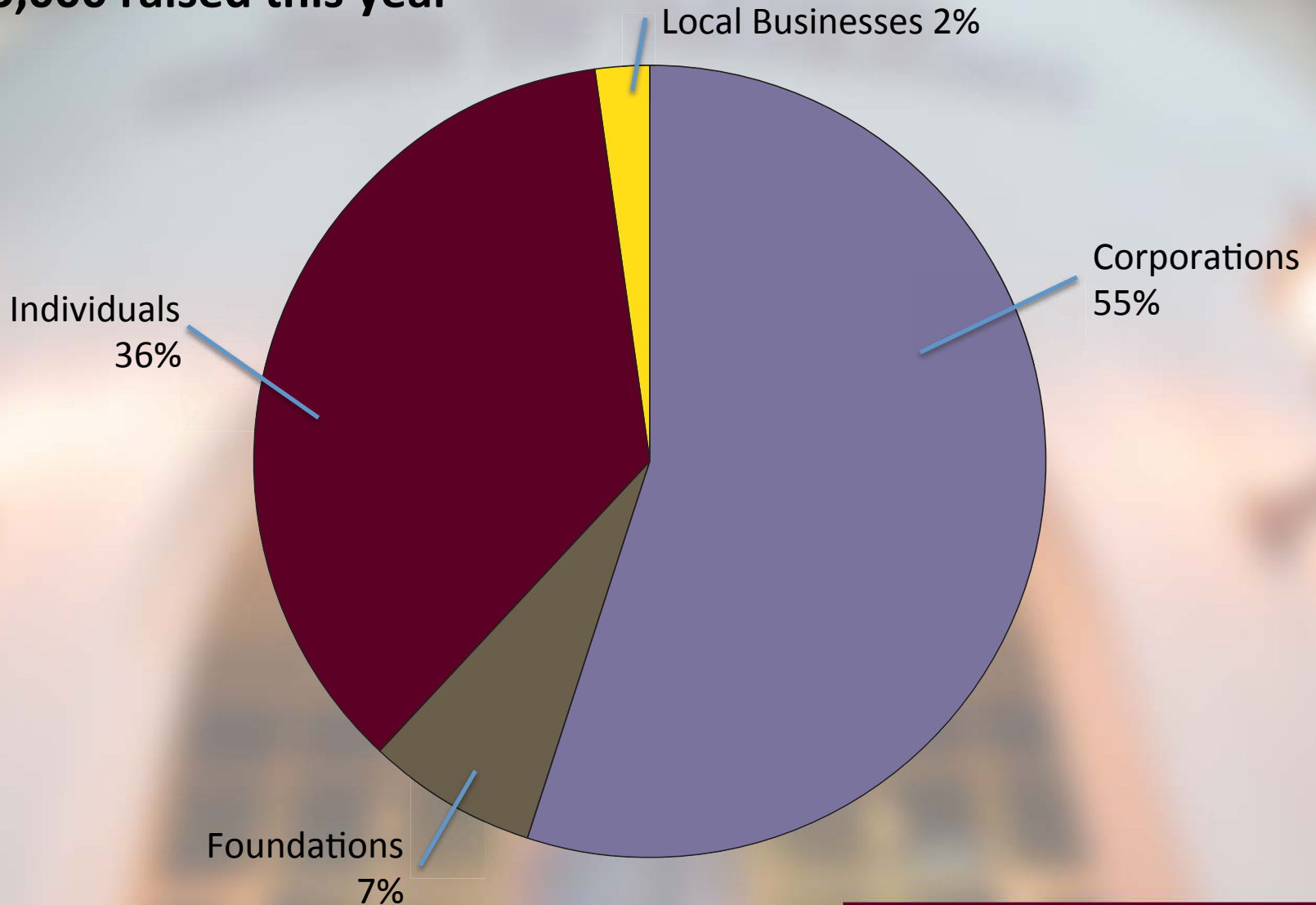
AACP Alumni Survey

**If I were to start my education today,
I would choose the same college**



Development Update

\$125,000 raised this year





TIES & TENNIS SHOES MEMORIAL 5K RUN



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**MARTIN FARIAS III
GOLF TOURNAMENT**



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Funding priorities

For 2014-2019

- Pharmaceuticals Research
- Compounding Pharmacy & Drug Delivery
- Bioanalytics and Drug Safety
- Student Learning Centers & Facilities
- Endowments: Chairs, Professorships, Lecturers, Scholarships and Programming



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Our Priorities

IRMA LERMA RANGEL
COLLEGE OF PHARMACY

1. Attain Accreditation Reaffirmation
2. Advance Research & Scholarship
3. Develop & Strengthen Strategic Partnerships

Live happily ever after!



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Update on Accreditation

IRMA LERMA RANGEL
COLLEGE OF PHARMACY

- Focused on-site evaluation completed May 2014
- Accreditation affirmed by ACPE Board June 2014
- Our professional program is compliant on all ACPE Standards
 - Monitoring recommended for: Standards 7, 15, 16, 23, & 24.



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Recommended Monitoring

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- College or School Organization and Governance (7)
- Assessment and Evaluation of Student Learning and Curricular Effectiveness (15)
- Organization of Student Services (16)
- Professional and Harmonious Relationships (23)
- Faculty and Staff – Quantitative Factors (24)



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Our Current & New Initiatives

1. Reaffirm Accreditation (2016-2024)

Remember: “One College, One Curriculum, One Accreditation, Two Campus Model”

- Review Strategic Plan
- Complete Self-Study
- Advance Interprofessional Education (IPE)
- Focus on Accreditation Monitoring Areas



Our Current & New Initiatives

2. Advance Research and Scholarship

- Graduate Program
- Pharmaceutical Consortium
- Collaborative Grants:
 - Cancer Prevention Research Institute of Texas (CPRIT) Core Facility
 - One Health
- Publications, Citations, Impact



Our Current & New Initiatives

3. Develop and Strengthen Strategic Partnerships

- Doctors Hospital at Renaissance, McAllen
- Driscoll Children’s Hospital, Corpus Christi
- Darnall Army Medical Center, Fort Hood
- Methodist Hospital, Houston



IRMA LERMA RANGEL COLLEGE OF PHARMACY

Challenges & Opportunities

- Institutional and College Aspirations
- Ongoing Strategic Expansion
- Comprehensive Accreditation Review
 - *New ACPE Standards 2016*
- Finite Resources



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Systemwide Hiring Freeze and Fund Sweep

- Affected all vacant positions and ongoing searches
- Process set to request exemptions on a case-by-case basis
- College requests successful – vacant positions “unfrozen” and searches allowed to continue
- Minimized funds swept to central administration
- Provided modest pay raises to faculty and staff



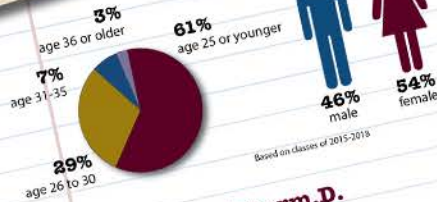
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Who is the Professional Student Pharmacist?

52% had a bachelor's degree before entering the Doctor of Pharmacy program

57% were certified or registered pharmacy techs prior to entering the program



As of August 2014, 377 students were enrolled in the Pharm.D. program at Texas A&M

- 35.5%** Asian
 - 24.7%** White
 - 33.4%** Hispanic or Latino
 - 5.3%** Black or African-American
 - 0.3%** Native Hawaiian or other Pacific Islander
 - 0.3%** Native American
 - 0.2%** Hispanic & White
 - 0.3%** Unknown
- Underrepresented minorities compose 39.8% of the Pharm.D. enrollment
- Based on classes of 2015-2018

What is the ROI? (Return on investment)

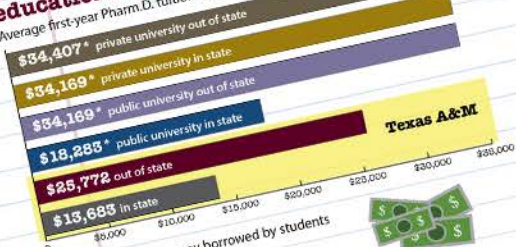
Although pharmacy students have an increasing debt burden, pharmacists' salaries are still much higher than the national average.

The median wage of current working pharmacists, reported in May 2010 by the Bureau of Labor Statistics, was \$111,570 per year, compared to \$33,840 for all occupations.

The average wage of the Texas A&M Rangel College of Pharmacy graduate is \$117,000** per year.

How much does a Pharm.D. education cost?

Average first-year Pharm.D. tuition and fees, 2013-2014



Median amount of money borrowed by students at the time of graduation



96% Percentage of Texas A&M Class of 2013 students who borrowed money to pay for pharmacy education.

A bright future

In a recent survey, Texas A&M Rangel College of Pharmacy students indicated that the majority feel positive about their choice to study pharmacy.

95.9% of students surveyed indicated* they are prepared to enter pharmacy practice.

93.2% of students surveyed indicated* that if they were starting their college career over again they would choose to study pharmacy.

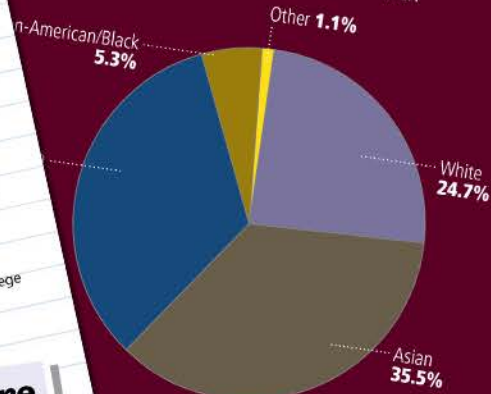
89.1% of students surveyed indicated* they would recommend a career in pharmacy to a friend or relative.

*Indicated = strongly agreed or agreed
Source: AACCP 2013 Graduating Student Survey

Founded in 2006, the Texas A&M Rangel College of Pharmacy is a highly successful, Top-50 ranked pharmacy school, according to U.S. News & World Report, and the first professional program south of San Antonio.

STUDENT DIVERSITY (2015-2018)

207 = 206 + 171
WOMEN MEN



395
GRADUATES
2010-2014

23% PURSUE
RESIDENCIES
Classes of 2013-2014

41% PRACTICE IN
SOUTH TEXAS
Classes of 2010-2014

55% PRECEPTORS
Classes of 2010-2014

60% PRACTICE IN
UNDERSERVED AREAS
Classes of 2010-2014

100+ PRECEPTORS

Over **200** HEALTH CARE PARTNERSHIPS



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* 2013-2014 academic year
August 2014



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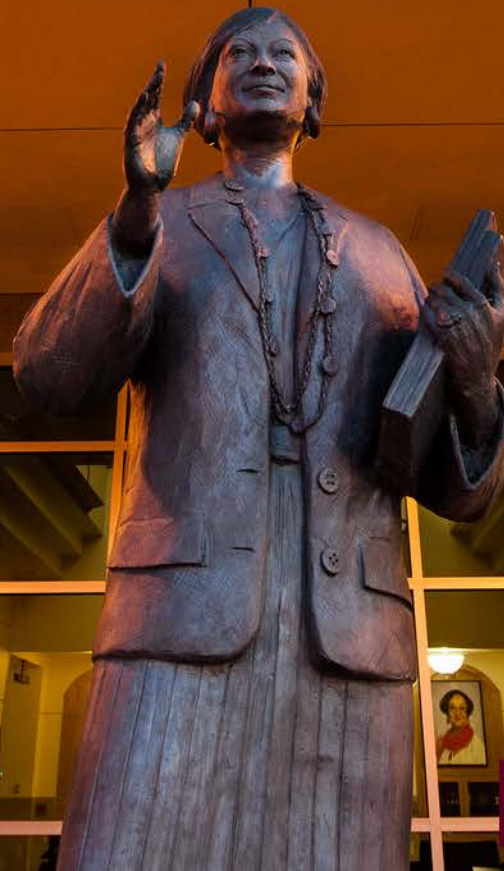
Our Future

- Our opportunities are endless
- The **dedication** and **commitment** of our faculty and staff, the **tenacity** and **responsiveness** of our student body, and our collective **determination** makes:
 - the *uplook* good and promising
 - the *outlook* challenging but rewarding
 - the *future* bright and glorious

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"Destiny is not a matter of chance, but of choice.
Not something to wish for, but to attain."

- William Jennings Bryan, American statesman and politician



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