

**ANNUAL REPORT
GRADUATE SCHOOL AND INTERNATIONAL EDUCATION
2012-13**

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Executive Summary

During the 2012-13 academic year, the Graduate School and International Education was reviewed by two external consultants as part of our comprehensive strategic planning effort. The outcome was a new strategic plan incorporating the combined efficiencies and working synergies resulting from the combination of international and graduate education. We continue to struggle with our goal of increasing graduate enrollments, despite an increase in the number of quality applications, as departments/programs are reluctant to accept graduate students amid the pressure of increasing undergraduate enrollment. More students are integrating a significant international experience into the undergraduate career or participating in reciprocal exchange agreements, and we have increased the number of enrolled international students and international scholars conducting research or teaching at the University. This has resulted in a University wide effort to coordinate the international experience under the auspices of the Graduate School and International Education. All of our units face on-going challenges related to increasing expectations and limited resources, but all have achieved significant successes. Our interdisciplinary degree programs continue to be extremely valuable for the University. Over-all, we would rate the coming year as filled with challenges, opportunities, and enthusiasm for working together.

Significant Achievements and Changes

Dean Todd Shields and Associate Dean Pat Koski lead the Graduate School and International Education effort in completing a comprehensive strategic plan that maximizes the successes of our new combined units. In 2013, we continued Graduate Education Week, including a reception for our current Distinguished Doctoral and Doctoral Academy Fellows and several new seminars for graduate students. Included in the week were our annual Abstract to Contract graduate student research competition and a Graduate School Town Hall meeting hosted by the deans. This year we again had a near record 150 submissions. Also in 2013, we welcomed our class of George Washington Carver students, with 21 students coming to campus from 11 universities and eight states. Thirty-eight universities and colleges are now part of our Carver network. We hosted our 1st UAspire, UApply, UAcheive: Diversity Conference in March 2013, with 16 participants from eight universities. We processed 32 students during the spring and summer of 2013 in the Pre-Academic Program for SENACYT Scholars program, for graduates from public high schools in the rural interior of Panama. The University of Arkansas hosted Panamanian President Ricardo Martinelli and Dr. Ruben Berrocal, National Secretary of SENACYT in September 2012 and May 2013.

As we completed our third year together, we celebrated the following additional achievements and changes:

- Progress continued toward meeting the TAP goal of 25% of our graduating seniors having completed a significant international experience as 733 Study Abroad enrollments were completed a 21% increase over last year.
- The International Education Advisory Council (IEAC) was established and was charged with recommending University wide academic policy for all education abroad activities and will begin to meet in August 2013.
- The University of Arkansas enrolled an all-time record of 1,237 international students in the Fall 2012 semester and 1,277 international students in the Spring 2013 semester, while the number of international scholars increased to 322 – also an all-time high.
- Officers and volunteers for the U.A. International Students Organization led by Danilo Tchoupe organized and implemented the first nationwide gathering of international student organization officers to form the Association of International Student Organizations in March 2013. In attendance were 77 student leaders, 8 advisors from 37 institutions and 20 states.
- Michael Freeman was selected to chair the J-1 Intermediate Advising Workshop curriculum development team for NAFSA: Association of International Educators.
- Cynthia Smith and her International Education Week (IEW) staff were recognized for their creativity and enthusiasm by being the featured picture on the banner of the U.S. State Department's IEW "Facebook" site.
- In fall 2012, 17 new graduate students accepted the offer of a Distinguished Doctoral Fellowship and 47 new Doctoral Academy Fellows were named.
- The Office of Graduate and International Recruitment and Admissions hosted the fourth annual Graduate School Appreciation Cookout and open house, at which we honored three people with the *Collis R. Geren Award for Excellence in Graduate Education*. Recipients were Dr. Randy Brown, Mr. Michael Rau, Mary Margaret Hui and Ms. Julie Rogers.

- Diane Cook planned and the Graduate Dean's Student Advisory Board hosted the Graduate Student Family Picnic, held for the sixth time in the early fall semester of 2012.
- New in 2013: a Graduate School Information Fair was held on Monday to open Graduate Education Week, seminars on Applying to Graduate School were held, and many departments held special recognitions for their graduate students: by serving them breakfast, lunch, or having a reception for them.
- We hosted our 5th annual Graduate Research Opportunities Forum with 8 participants from six institutions; the keynote speaker was Dr. Lonnie Williams from Arkansas State University.
- During the 2011-12 academic year, the U of A Office of Testing Services administered tests to 12,000 students, prospective students and those in the community.
- The Office of Program Assessment conducted and/or completed nine program reviews during the 2012-13 academic year; this represented a review of 23 degree programs at the undergraduate and graduate levels.
- As a result of the University response to ACT 747, a record 109 undergraduate program changes were approved through the Faculty Senate along with 41 graduate program changes, five new degree/certificates and over 325 major course changes.
- In December 2012, we participated in organizing the second December commencement ceremony held with an estimated 820 students attending.
- The on-line application for undergraduate international applicants which went live in November 2011 continues to be refined and has been extremely successful.
- The Annual Study Abroad Fair was held again in late September. The fair continues to attract hundreds of students to the Arkansas International Connections Lounge. At least 50 UA faculty and staff participated in addition to representatives from 24 outside program providers and universities.
- The Study Abroad enrollment of 733 reflects a 21% increase from the year before.
- Memoranda of Understanding were signed with 13 new overseas partner institutions; as a result of this and other efforts, the Office of Study Abroad and International Exchange actively exchanged students with 25 partner universities.
- Fall 2012 saw a total of 232 sponsored students, up from 200 in Fall 2011 (+32, 16.0%). Thirty-four sponsoring agencies placed students at the University, up from 30 in the Fall 2011. Students represent 49 countries, down from 57 in the Fall 2011.
- The Graduate Recruitment campus visit program had 48 prospective student visits, a decrease of 48 visits from 2011-12.
- For the period July 1, 2012 through June 30, 2013, International Students and Scholars scheduled 1,459 appointments with compliance advisors in addition to those seen on a walk-in basis and requests processed without an appointment.
- In November, the Chancellor hosted a reception honoring international scholars at his residence. Over 100 people were in attendance. Chancellor Gearhart and Dean Shields addressed the audience, and highlighted three scholars for their scholarly achievements and community involvement.
- In our first year of requiring theses and dissertations to be submitted online, 186 dissertations and 187 theses were submitted (fall 2012, spring, and summer 2013).

- We continued to develop and modify several new automated communications this year, including e-mails to students regarding the status of their application for admission, warnings of not meeting enrollment criteria, status changes for course exceptions, warnings of upcoming I-20 expiration dates, and approvals for full-course exceptions for international students.
- Diane Cook and Vicky Hartwell each made presentations at the annual meetings of the National Association of Graduate Admissions Professionals (NAGAP)
- Susan Byram, Laura Moix, Mandy Prorok, Casie Shreve, Cynthia Smith, and Mike Waldie presented sessions and Michael Freeman was lead Trainer at the NAFSA Region III Conference in Oklahoma City in October 2011. Namiko Bagirimvano, Mandy Prorok, and Mike Waldie also presented at the NAFSA National Conference in Houston in May 2012.
- Matt Sokoloski presented an extended session on international orientation best practices at the National Orientation Directors Association and served as an expert faculty member for a three-day institute on international student arrival and orientation for Academic Impressions.
- Cassie Franklin chaired the Komen Race for the Cure Graduate School and International Education team.
- In Fall 2012, 198 students enrolled in cross-college interdisciplinary master's and doctoral programs; in 2011-12, 1.32% of the master's degrees and 15.24% of the doctoral degrees were awarded to students in the cross-college interdisciplinary degree programs (including the Environmental Dynamics Ph.D. program).

Goals and Background

After a year of strategic planning, the Graduate School and International Education developed the following vision, mission, and goal statements:

Vision

The Graduate School and International Education assists the University of Arkansas in excelling at research, teaching, training, and service while fostering student and scholar success and enhancing the overall student academic experience.

Mission

The Graduate School and International Education supports the strategic goals of the University of Arkansas to continue as a very high research university; recruits, retains and graduates high-caliber students; advocates for students and student success; facilitates intercultural and international experiences to increase global competencies; and assists in the development of international, interdisciplinary and graduate programs.

Goals:

- Advance the visibility and reputation of the University of Arkansas within the nation and around the world and promote the UA as a destination of choice for students and scholars.
- Initiate and maintain strong connections with, and advocate for, graduate, international, and study abroad students and scholars from the time of initial inquiry through post graduation.

- Actively seek to promote and strengthen strategic relationships with partner institutions, academic units, university departments and the community.
- Serve as the central unit for tracking and providing risk assessment for international education mobility.
- Facilitate the development and management of innovative and educational graduate, international, and interdisciplinary programs.
- Adopt an enrollment management plan to meet university goals:
 - Increase the quantity and diversity of qualified international and graduate applications;
 - Increase the percentage of graduate students to 20% of the total student headcount enrollment by 2020;
 - Increase the percentage of international graduate students to 20% of the total graduate student headcount by 2020;
 - Increase the percentage of international students to 10% of the total headcount enrollment by 2020; with at least 200 international first-time, full-time freshmen;
 - Increase the number of sponsored students to 20% of the international headcount enrollment by 2020;
 - Increase the percentage of enrolled visiting students to 125 each semester;
 - Maintain an average of 120 countries represented in the international student population and strengthen the enrollment from countries with less than 10 students on campus;
 - Increase the participation rate of graduating seniors completing a significant international experience to 25% by 2020;
 - Increase the number of outbound UA students enrolling in reciprocal exchange programs to 15% of the total study abroad population per year by 2020.

Goals: Progress and Accomplishments

Goal 1: Advance the visibility and reputation of the University of Arkansas within the nation and around the world and promote the UA as a destination of choice for students and scholars.

Dean Todd Shields and Associate Dean Patricia Koski attended the annual meetings of the Council of Graduate Schools, the national professional association, in Washington, DC in December 2012. Dr. Koski and Lynn Mosesso attended the meetings of the Conference of Southern Graduate Schools in Greenville, South Carolina, in February 2013.

Memoranda of Understanding were signed with 13 new overseas partner institutions; as a result of this and other efforts, the Office of Study Abroad and International Exchange actively exchanged students with 25 partner universities.

There were 115 countries represented on campus, down three from the previous year. The top five countries represented are: India (131, -4), China (187, +21), Korea (58, -23), Bolivia (69,-1), and Vietnam (63, +1).

There were a total of 29 academic scholarships (up from 18 last year) awarded to undergraduate international students for the 2013-2014 upcoming academic year.

The Office of International Admissions and International Recruitment participated in recruitment efforts in the Caribbean. Karl Anderson attended EducationUSA university fairs in Trinidad (alumnus Stefan Trim assisted) and the Bahamas, and the COBEC university fair in Belize. Fall 2012 enrolled a total of 63 (up from 58 fall 2011) students from 9 Caribbean countries.

Karl Anderson and Dr. Leyah Bergman Lanier participated in the EducationUSA university fair in Turkmenistan, September, 2012.

Karl Anderson and Dr. Leyah Bergman Lanier participated in the EducationUSA university fair in Kazakhstan, October, 2012. While in Kazakhstan, they held a meeting with the executives of the Bolashak Scholarship Program and discussed how the University could join the Bolashak list of universities.

The UA College of Engineering, UA Honor's College, and International Recruitment continued their recruitment efforts in Panama. Enrollment increased from 2 Panamanians Fall 2010 to 22 Fall 2011 to 43 Fall 2012.

Advertised in StudyUSA, Hotcourses.com, Think EducationUSA, America Ryugaku (study in the USA) Guide", NAFSA: Association of International Educators website, International Education Foundation, Village Profile, Global Assessment Certificate (GAC), and the Center for Global Advancement of Community Colleges.

We met with the Arkansas World Trade Center and the Fayetteville Chamber of Commerce about partnering in the recruitment of students from Brazil and Colombia fall 2013.

Gloria Flores Passmore coordinated the first Sponsor Visit Day September 20-22, 2012 in conjunction with the 20th Anniversary of the Spring International Language Center (SILC). The following sponsors were represented: Dr. Ammar Alsahrawi, Deputy Cultural Attaché, Iraqi Cultural Office; Ms. Zamy Diaz Lebron, Program Officer, Placement Office, IIE; Dr. Ryan Keane, Manager of Placement Services, LASPAU; Mr. Mohammed Mahmud, Senior Academic Advisor, UAE Embassy – Cultural Division; Mr. Mark Porter, Project Manager, CRDF Global; Ms. Anna Tigan, Academic Counselor, Kuwait University Office, Embassy of the State of Kuwait

Officers and volunteers for the U.A. International Students Organization led by Danilo Tchoupe organized and implemented the first nationwide gathering of international student organization officers to form the Association of International Student Organizations in March 2013. In attendance were 77 student leaders, 8 advisors from 37 institutions and 20 states

Goal 2: Initiate and maintain strong connections with, and advocate for, graduate, international, and study abroad students and scholars from the time of initial inquiry through post graduation.

Namiko Bagirimvano, Coordinator for Visiting Student Programs, assisted sponsored visiting students in fully meeting the requirements of their scholarships by mentoring each student.

Students were required to engage in a variety of cultural experiences, community service opportunities, and internships.

The Friendship Family program was expanded this year to include a parallel program called Campus Cousins. Friendship Family hosts are off campus, community related and Campus Cousins hosts are undergraduate and graduate students. Both programs now fall under iFriend (short for International Friend Program).

In February 2012, the Graduate School held its first ever Graduate Education Week, with the goal of highlighting graduate student contributions to the campus and the community, and also helping graduate students feel special, both in their departments and across the campus.

For 2013 the expanded activities included: A Graduate School town hall hosted by the deans; Several seminars for graduate students throughout the week; A reception for current doctoral fellows held on Thursday evening; Graduate student research competition which is held on the Friday of Graduate Education Week; Graduate deans from around the state held meetings discuss graduate education in the state, and to attend the reception Thursday evening and the research competition the next day.

New in 2013: a Graduate School Information Fair was held on Monday to open Graduate Education Week, seminars on Applying to Graduate School were also held.

Other Graduate Student Activities Programs that contribute to retention and graduation include:

Graduate Student Orientation (August and January)

First Year Graduate Student Seminar Series (6 programs)

Responsible Conduct of Research Series (3 programs each fall)

Teaching Assistant Support

TA Orientation (August)

TA Workshops (5 programs)

TA Supervisor Appreciation luncheon (spring)

TA Support: handbook, web resources

Graduate Student Family Picnic (October)

Graduate Education Week (February)

Graduate Fellows Reception (February)

From Abstract to Contract Graduate Student Competition and Career Development Events

Two workshops (October and January)

Competition (February)

Career Development workshops (3 sessions in March)

Awards Ceremony (February)

Preparing for the Professoriate (fall, spring)

Maintain and post to social media (with assistance from Michael Rau)

Degrees awarded in 2011-12 (fall 2011, spring 2012, summer 2012)

The 2012 degree year (fall 2011, spring 2012, and summer 2012) is the most recent year for which we have official data. Over-all the number of master's degrees awarded increased from 1,097 in 2010-11 to 1,140 in 2011-12. Doctoral degrees decreased from 166 to 164. Master's

degrees awarded to minorities decreased from 184 to 167 (16.68% of the master's degrees awarded to domestic students in 2011-12 compared to 19.35% in 2010-11), while doctoral degrees awarded to minorities increased from 18 to 25 (22.32% of the total domestic doctoral degrees in 2011-12 compared to 19.35% in 2010-11). Master's degrees awarded to females increased from 552 to 555, a change from 50.32% of the total master's degrees awarded in 2010-11 to 48.68% in 2011-12; doctoral degrees awarded to women decreased from 93 to 76 (56.02% to 48.68% of the total doctoral degrees awarded). Master's degrees awarded to international students decreased from 146 to 139 (13.31% to 12.19%) while doctoral degrees awarded to international students increased from 43 to 52 (31.71% in 2011-12 compared to 25.90% in 2010-11).

Please see Tables 5-8 in the Appendix.

Goal 3: Actively seek to promote and strengthen strategic relationships with partner institutions, academic units, university departments and the community.

Goal 4: Serve as the central unit for tracking and providing risk assessment for international education mobility.

Goal 5: Facilitate the development and management of innovative and educational graduate, international, and interdisciplinary programs.

Goal 6: Adopt an enrollment management plan to meet university goals

[Note that the numbers reported in this section do not include the Graduate School of Business.]

Domestic graduate applications for fall 2012 increased by 7.5% over fall 2011 (2,398 applications in fall 2012 compared to 2,229 in fall 2010), admitted students increased by 5.7% (1,110 in fall 2011 compared to 1,174 in fall 2012). Our matriculation rate increased in fall 2012 to 65.7% compared to 62.5% in fall 2011. International graduate applications increased from 1,358 in fall 2011 to 1,471 in fall 2012 (an 8.24% increase) but matriculation rates remained low (37.3% in fall 2012). International undergraduate applications increased by 181 students (751 in fall 2012 compared to 570 in fall 2011) and matriculation rates remained reasonable (61.7% in fall 2012). For more detailed analyses of applications and admissions, please see the attached report from the Office of Graduate and International Recruitment and Admissions.

Between fall 2011 and fall 2012, over-all graduate enrollment remained virtually flat with 18 additional students (0.48% change) in fall 2012. Enrollment of non-degree seeking students also was flat, with 4 fewer students in this category compared to fall 2011. Master's enrollment increased, although the increase in master's students was slight (1.16%, compared to a 0.50% increase the previous year and 5.74% increase the year before that). Doctoral enrollment was flat with an increase of one student (1184 for fall 2012 compared to 1183 in fall 2011).

With regard to diversity, minority master's enrollment decreased slightly between fall 2011 and fall 2012 (352 in fall 2012 from 360 in the fall of 2011), and decreased in the percentage of total domestic master's enrollment (from 16.79% to 16.36%). Minority doctoral enrollment increased by 22 students in fall 2012 compared to fall 2011, with 20.73% of the total doctoral enrollment

in fall 2012 compared to 18.16% in fall 2011. This was a 14.29% increase in minority doctoral enrollment.

The number of male master's students decreased to 50.76% of the total master's enrollment, compared to 51.91% in fall 2011, while the percentage of female doctoral students decreased slightly from 44.55% in fall 2011 to 44.51% in fall 2012, although in absolute numbers there was no change with 527 female doctoral students for both years.

International master's enrollment increased from 260 in fall 2011 compared to 280 in fall 2012 and increased from 10.82% in fall 2011 to 11.51% of the total master's enrollment in fall 2012. However, international doctoral enrollment remained constant at 335 students or 28.32% of the total doctoral enrollment in fall 2011 to 28.29% in fall 2012.

Please see Tables 1-4 in the Appendix.

Unit Highlights: Progress and Accomplishments

Graduate School and International Education (GSIE) Dean's Office

Within the Dean's Office of the GSIE, and not assigned to a subunit, are the following functions: student records management, graduation/commencement, administering the interdisciplinary degree programs, academic status processing, web and technology work tools maintenance, budgets, processing administrative changes of registration/out of career registration/requests for graduate credit, office management, processing graduate assistant tuition waivers, administration for the University Course and Programs Committee and Graduate Council, Graduate Dean's Student Advisory Board, all of the activities of the Dean and Associate Dean, and related miscellaneous tasks.

Lead by the Deans, the GSIE also completed a comprehensive strategic planning effort, which included input from two outside reviewers, one for graduate education and one for international education.

The GSIE dean's office organized, supported, or engaged in these activities:

- Distributing the messages of the Graduate School and International Education to both internal and external constituencies
- Co-sponsoring and organizing the Responsible Conduct of Research Series, with the Vice Provost for Research and Economic Development
- Monthly meetings of the Graduate Dean's Student Advisory Board
- Monthly meetings of the Graduate Council and the University Course and Programs Committee, including preparation of all materials and managing the agendas and minutes;
- Training for new graduate coordinators
- Managing the Academic Appeals Subcommittee of the Graduate Council
- Managing the functional aspects of ISIS; trouble shooting for ISIS issues
- Processing all out-of-career registrations for undergraduate and graduate students
- Co-coordinating the All-University Commencement ceremonies; and organizing all of the aspects of commencement ceremonies that specifically pertain to graduate students

- Over-seeing the application for and approval of graduate faculty status
- Updating the *Graduate School Catalog*
- Preparing several reports (e.g. Peterson's Guide; GRE; NSF)
- Serving as an *ex officio* member of the Faculty Senate, and reporting Graduate Council and University Course and Program Committee business to the Faculty Senate
- Serving on the University of Arkansas Campus Sustainability Council and the Fest of All committee
- Processing and monitoring the admissions, academic progress, committee assignments, change of majors, and degree completions of all graduate students
- Processing and monitoring the tuition payments for all students on graduate assistantships or fellowships
- Organizing the annual first-year graduate student orientation and the teaching assistant orientation
- Organizing the first-year graduate student seminar series
- Organizing the teaching assistant supervisor appreciation luncheon
- Managing the web resources for the Graduate School and International Education
- Organizing the Teaching Assistant Effectiveness Advisory Committee
- Serving on the English as a Second Language Committee
- Creating the course schedules for the seven interdisciplinary degree programs and the interdisciplinary graduate certificate programs; monitoring and making changes to the schedules
- Organizing monthly meetings of the interdisciplinary program directors
- Organizing a team for the Susan G. Komen race
- Sponsoring two tables at the annual Martin Luther King, Jr. recommitment banquet
- Serving on a wide variety of other committees and initiatives.

Dean Todd Shields and Associate Dean Patricia Koski attended the annual meetings of the Council of Graduate Schools, the national professional association, in Washington, DC in December 2012. Dr. Koski and Lynn Mosesso attended the meetings of the Conference of Southern Graduate Schools in Greenville, South Carolina, in February 2013.

Actions by the Graduate Council

In 2012-13, the Graduate Council approved 41 program changes which included two policy/process changes, two new degree programs (MED in Teaching English to Speakers of other Languages and Doctorate of Nursing Practice), deleted the MS in Educational Statistics and Research Methods and the General Concentration for the PhD in Engineering. In addition, the Council reviewed 98 major course changes. The Council also approved graduate faculty nominations.

From August 2012 through June 2013, the Academic Appeals Subcommittee of the Graduate Council heard 16 student appeals.

The Teaching Assistant Effectiveness Advisory Committee of the Graduate Council met regularly. This committee offered the TA Orientation in August 2012 and sponsored several informational seminars throughout the year.

Office of Graduate and International Recruitment and Admissions and Sponsored Student Programs, Lynn Mosesso, Director

Note that beginning in January 2013, this office was divided into three: the Office of Graduate Recruitment and Student Fellowships, directed by Vicky Hartwell; the Office of International Recruitment & Graduate and International Admissions, directed by Lynn Mosesso, and the Office of Sponsored Student Programs, directed by Gloria Flores.

Domestic and International Recruitment, and the Carver Project:
Alfred Dowe, Assistant Director for Domestic Recruitment
Shani Farr Newton, Assistant Director for Domestic Recruitment and Director of the Carver Project

Karl Anderson, Assistant Director for International Recruitment

The Recruitment Office organized, supported or engaged in these activities:

- Worked with the UA Business Office to create a Request for Qualifications to contract with international student recruitment services
- Initiated a stronger pipeline to recruit diverse students
- Organized and hosted the bi-annual Open House, with 29 students in attendance
- Hosted a GRE Seminar in September for graduate faculty
- Developed key partnerships with NIKE and FedEx
- Attended 63 domestic recruitment events
- Hosted 48 prospective student visits
- Organized the 4th annual Graduate School Appreciation Cookout
- Sent 6,872 communications to prospective students and received 1,048 requests for information from our on-line prospect card
- Partnered with the Fayetteville Visitor's Bureau
- Hosted International Transfer Student Day programs
- Continued recruitment efforts in the Caribbean, Panama, Iraq, Turkey
- Attended the EducationUSA Forum 2012 in Washington DC
- Hosted visitors from the University of Kuwait, Vietnam National University/International University, the University Santa Maria Antigua Panama, and the Global Assessment Certificate program from Hanyang University, Korea.

For additional details please see the individual program reports which are appended to this report.

Pre-Academic Program for SENACYT Scholars, Patty Gamboa, Director

In 2012, as a result of a proposal submitted by the Graduate School and International Education, along with Spring International Language Center, to the National Secretariat for Science, Technology and Innovation (SENACYT) in Panama, we were awarded a contract to develop a program for graduates from public high schools in the rural interior of Panama. These students do not have the same educational opportunities as those graduating from urban and private

schools. We have created a pathway program for these students that we hope will be a model for other such programs in the future. This report describes the work accomplished under the Pre-Academic Program for SENACYT Scholars (PAPSS) during project period June 2012-June 2013. The mission of PAPSS is to prepare participating scholars for college success at the University of Arkansas. Under this mission PAPSS focused on the following areas:

(1) Enrollment management; (2) Partnership and budget management; (3) Scholar orientation and academic adjustment; (4) Campus and community programming; (5) Scholar progress and recognition; and (6) Program challenges and evaluation

Some selected highlights are:

Fall 2012- 36 scholars applied for admission- 32 enrolled, 2 denied, 2 deferred admission.

Group 1 and Group 2 enroll spring 2013- 32 scholars enrolled at the University of Arkansas and Spring International Language Center (SILC), 19 enrolled in Phase II and 13 enrolled in Phase I. Sixteen male and sixteen female students.

Patricia Gamboa and Lynn Mosesso visited Panama on November 12-17, 2012 and met with SENACYT, EducationUSA Panama, University of Arkansas Alumni Association, and PAPSS parents and scholars in David, Chiriqui.

Spring 2013-PAPSS staff worked with SILC and International Students and Scholars (ISS) to coordinate student arrival, airport pick up, temporary housing, dorm move-in, and orientation for 32 scholars. Nineteen scholars attended ISS and SILC orientation. Thirteen scholars attended SILC Orientation. Nineteen scholars completed the Compass Exam.

Scholars actively participated in programs coordinated through ISS including: The Conversation Club, Ifriend Program, Dance Around the World, Dominican Immersion Program and the Panama Geography Series.

Scholar academic progress was monitored using the 6 week progress reports. An academic success plan was created for any scholar below a 2.75 GPA during early progress. Spring term, 2013 mean GPA was a 3.88 with 15 of 19 students obtaining a 4.00 GPA.

For additional details please see the individual program reports which are appended to this report.

Office of Sponsored Student Programs (SSP), Gloria Flores Passmore, Director

The new position of Graduate Assistant for SSP was approved in July 2012.

Gloria Flores Passmore along with Dr. Leyah Bergman Lanier, Director of the Spring International Language Center (SILC) attended the Washington International Education Council (WIEC) Conference held in Washington, DC on January 28-29, 2013 for training and recruitment purposes.

Gloria Flores Passmore attended a meeting with Dr. Dino Patti Djalal, Ambassador of the Republic of Indonesia to the United States of America along with other International Education Directors, Dean Shields, Dr. Dan Ferritor, and Dr. Larry Foley to educate him on the our efforts with our current students and alumni from Indonesia on April 15, 2013.

Fall 2012 saw a total of 232 sponsored students, up from 200 in Fall 2011 (+32, 16%). 34 sponsoring agencies placed students at the University, up from 30 in Fall 2011. Students represented 49 countries, down from 57 in Fall 2011.

Additionally, the Sponsored Students Office organized, supported or engaged in these activities:

- Coordinated the annual SSP welcome reception with the Provost
- Coordinated the SSP Recognition Reception for graduating and visiting students
- The Fulbright Scholars at the University of Arkansas association was awarded the Outstanding New Registered Student Organization of the year on April, 2013. Santiago Barraza, a PhD in Finance and Fulbright Scholar from Argentina is the founding President. Gloria Flores Passmore and DeDe Long serve as the group's co-advisors.
- The third annual award recognizing faculty members for outstanding service with sponsored students were recognized at the Spring/Summer recognition event. Dr. Mounir Farrah, Professor, Professor Curriculum and Instruction and Middle East Studies, College of Education and Health Professions and College of Arts and Sciences. Dr. Juan Balda, University Professor and Associate Department Head of Electrical Engineering, College of Engineering.

For additional program details please see attached unit report.

Graduate Student Activities and Public Relations/Communications, Diane Cook, Director

Significant Achievements and Changes:

Graduate Education Week:

In February 2012, the Graduate School held its first ever Graduate Education Week, with the goal of highlighting graduate student contributions to the campus and the community, and also helping graduate students feel special, both in their departments and across the campus.

For 2013 the expanded activities included:

A Graduate School town hall hosted by the deans

Several seminars for graduate students throughout the week

A reception for current doctoral fellows held on Thursday evening

Graduate student research competition which is held on the Friday of Graduate Education Week

Graduate deans from around the state held meetings discuss graduate education in the state, and to attend the reception Thursday evening and the research competition the next day.

New in 2013: a Graduate School Information Fair was held on Monday to open Graduate Education Week, seminars on Applying to Graduate School were held, and many departments held special recognitions for their graduate students: served them breakfast, or served them lunch, or had a reception for them.

Building on last year, the second Graduate Education Week was a great success—students felt special, the campus learned more about the graduate student community, and we increased the knowledge about our graduate students and their contributions to the campus.

In April, 2013, Diane Cook made a presentation at the annual meeting of the National Association of Graduate Admissions Professionals (NAGAP) on the topic of “A One-Year Orientation for New Graduate Students” and received excellent evaluations from the seminar, which was presented to a group of over 100 graduate school administrators.

Graduate Student Activities Programs which continued to be extremely successful were:

- Graduate Student Orientation (August and January)
- First Year Graduate Student Seminar Series (6 programs)
- Responsible Conduct of Research Series (3 programs each fall)
- Teaching Assistant Support
 - TA Orientation (August)
 - TA Workshops (5 programs)
 - TA Supervisor Appreciation luncheon (spring)
 - TA Support: handbook, web resources
- Graduate Student Family Picnic (October)
- Graduate Education Week (February)
- Graduate Fellows Reception (February)
- From Abstract to Contract Graduate Student Competition and Career Development Events
 - Two workshops (October and January)
 - Competition (February)
- Career Development workshops (3 sessions in March)
- Awards Ceremony (February)
- Preparing for the Professoriate (fall, spring)
- Maintain and post to social media (with assistance from Michael Rau)

Diane Cook served in a volunteer capacity with university service organizations 2012-2013:

- Day host for International Students and Scholars and Spring International Language Center
- iFriend student host for International Students and Scholars
- Advisory Board member for Off Campus Connections
- Graduate School representative on the Campus Sustainability Council
- Graduate School representative on Fayetteville’s Fest of All committee

For additional details please see the individual program reports which are appended to this report.

Graduate Recruitment and Fellowships, Vicky Hartwell, Director

(Note that, beginning in January 2013, this was subsumed under the Office of Graduate Recruitment and Fellowships, directed by Vicky Hartwell.) In February 2013, in accordance with the unit's strategic plan, the responsibility for domestic graduate recruitment moved from Ms. Lynn Mosesso to Ms. Vicky Hartwell. Ms. Hartwell retained responsibility for graduate fellowships.

Domestic Graduate Recruitment:

The office of graduate recruitment is charged with recruiting a diverse and academically qualified pool of applicants to the university, and assisting those students in completing an application to graduate school here. To accomplish those goals, the recruiters, support staff, and director coordinate campus visits, plan visits to targeted schools to attend graduate school fairs and present to student groups, attend conferences that attract large numbers of potential graduate students, and host a series of on-campus events that introduce prospective students and administrators and faculty from other campuses to the wide variety of opportunities available at the University of Arkansas. Major accomplishments for the unit include:

- Visited 61 universities and colleges.
- Attended diversity conferences, including MANNRS, CIAA, ERNC, McNair, GEM, Thurgood Marshall, and SHPE.
- Hosted 164 campus visitors, an increase of 68 visitors from the prior year. We continue to refine the online campus visit request form and follow-up evaluation.
- As part of the communication plan, 7,836 communications were sent to prospective students, an increase of 12.3%. These communications include emails, post cards, letters to targeted groups of students, and the Graduate School view book.
- Hosted a Preview Day for prospective graduate students in both December 2012 and April 2013.
- Hosted groups of student visitors from other schools, such as Northeastern State University, the University of Central Oklahoma, and Harding University.
- Hosted the UAspire, UApply, UAchieve diversity conference for prospective graduate students and their mentors. The guests participated in a StrengthsQuest session facilitated by Adrain Smith, heard a presentation by CIA representative Tiffany D., and attended a "Dinner Etiquette" session given by Denise Marcia. Alfred Dowe was instrumental in getting support for this conference, and for scheduling Daphne and Tim Reid. Shani Farr Newton handled logistics, programming and communications.
- Hosted the Graduate Research Opportunities Forum, with 8 attendees from 6 universities (Prairie View A&M University, Virginia State University, University of Puerto Rico-Mayaguez campus, New Mexico Highlands University, New Mexico State University, and Northeastern State University). This event provided faculty and administrators from our George Washington Carver Research Program partner schools the opportunity to visit our campus and to network with administrators and faculty here.
- Hosted 21 George Washington Carver Research Program interns during May 2013-July 2013, including 10 CEMB REU students. These students were here for 8-10 weeks, during which they worked with a University of Arkansas faculty mentor on a research project that culminates in a poster presentation, and engaged in enrichment and

professional development activities designed to prepare them to enter graduate school. Shani Newton directs the internship program.

- Added New Mexico State University as a Carver partner school.
- Alfred Dowe continued to strengthen partnerships with outside organizations and schools in his capacity as director of community outreach, including the Tom Joyner Foundation, the Coca-Cola Foundation, Nikki Giovanni, Toni Morrison, Maya Angelou, the Carmelo Anthony Foundation, and Crystal Bridges Museum.

Graduate Fellowships:

In fall 2012, 14 new graduate students accepted the offer of the Distinguished Doctoral Fellowship; 13 were Walton-funded and 1 was non-Walton funded. The total enrollment of distinguished doctoral fellows during fiscal year 2013 was 51; 42 were Walton-funded, 6 were non-Walton funded, and 3 were supported by named endowed funds.

Since the fellowship program began in fall 2003, 143 Distinguished Doctoral Fellowships have been awarded. Of those students, 61 have graduated with their doctoral degree, 20 have received the maximum funding award and are still enrolled in their respective programs, 36 are currently funded and working to complete their degrees. There has been some attrition during the years, with 4 students graduating with a master's and declining to finish their doctoral program here, and 24 resignations for such reasons as military deployment and spousal relocation.

There were 49 new Doctoral Academy Fellows, an increase of 2 from the previous fiscal year. Of the new fellows, 38 were Walton-funded, 5 were non-Walton funded, and 6 were funded by named endowed funds. One student was awarded a doctoral fellowship from the Southern Regional Education Board (SREB), which provides the equivalent of graduate assistant funding. There were a total of 173 doctoral academy fellows for fiscal year 2013; 21 were non-Walton funded and 20 were supported by named endowed funds, with the remaining 132 being Walton-funded.

Since fall 2003, 502 Doctoral Academy Fellowships have been awarded. Doctoral academy fellowship graduates number 194, another 73 students have received all of their funding and are still enrolled in their respective programs, and 141 are currently funded and working towards degree completion. Another 27 students received their master's degree and declined to continue doctoral study at the university. Sixty-eight (68) students have resigned from their degree program for various reasons.

The fellowships were an important factor in recruiting top graduate students to the University of Arkansas, and the financial support plays a key role in retaining those students through to graduation. These fellowships allowed us to recruit and retain the best students from our Arkansas schools, as well as regional schools, and highly-regarded national and international universities and college.

Distinguished Doctoral Fellows continued to be from the top 1% of all students who attend graduate school, based on their previous academic accomplishments, such as grades and test scores, and also based on their publications and work experience. These students are highly

recruited by top schools, and the combination of monetary support and the research opportunities available at the University of Arkansas allowed us to recruit and enroll yet another excellent group of students. The new Distinguished Doctoral Fellows for fiscal year 2013 received degrees from the University of Michigan, Southern Arkansas University, University of California – Berkeley, Florida State University, Northeastern State University, Louisiana State University, Virginia Tech, University of Texas at Dallas, University of Central Arkansas, Lyon College, Michigan Technological University, and the University of Oxford (U.K.).

The dedicated doctoral visit fund allowed the Graduate School to assist departments in bringing 25 prospective doctoral students to campus. The visits aid in the recruiting effort for the Distinguished Doctoral Fellowship and Doctoral Academy Fellowship, by bringing eligible students to campus to visit with faculty and tour the campus and surrounding area. Fifteen (15) of the visiting students accepted either a Distinguished Doctoral Fellowship or Doctoral Academy Fellowship for fall 2012.

There was a slight increase in the number of travel grants awarded – 628 compared to 610 the previous year. With the current level of funding, this is the approximate number we expect to be able to award annually. For fiscal year 2014, the travel grant award amounts will remain at the same level.

Two new Southern Regional Education Board (SREB) scholars began their programs in fall 2012, one in Psychology and one in Public Policy, for a total of ten (10) scholars. There were five male and five female SREB doctoral scholars. The distribution across the programs of study was: Public Policy (5), Anthropology (1), Mathematics (1), Counselor Education (1), and Microelectronics-Photonics (1), and Psychology (1).

The Benjamin Franklin Lever Tuition Fellowship program continues to be an integral component in recruiting students from under-represented groups to the University's graduate programs. Budgeted funding for this program enabled the Graduate School and International Education to award tuition support to 65 graduate students across 30 degree programs during fiscal year 2013.

During fiscal year 2013, Ms. Vicky L. Hartwell continued in her role as Director of Graduate Fellowships and assumed the role of Director of Graduate Recruitment. Major accomplishments for the year included:

- Worked with a team of colleagues from across campus to coordinate the annual doctoral fellows' reception in February (The event was held in conjunction with Graduate Education Week)

- Co-chaired the Enrollment Management workgroup as part of the unit's continuing implementation of the strategic plan

Presented information sessions on fellowships, graduate assistant positions and travel grants at:

Graduate Student Orientation, Fall and spring Preview Days, The Agricultural Business Club, Graduate Research Opportunities Forum, UAspire, UApply, UAchieve Diversity Conference, and Graduate assistant interview day, hosted by Student Affairs.

Other activities included attending the SREB/Institute for Teaching and Mentoring held in Tampa, October 25-28, to provide information about graduate programs at the University of Arkansas to prospective graduate students.

Visited ten regional universities as a graduate recruiter

Attended the National Association of Graduate Recruitment Professionals (NAGAP) Conference in Orlando, April 24-27, attended the inaugural meeting of the Southeast Association of Graduate Admissions Professionals (SEAGAP), and was appointed the Arkansas state coordinator.

For additional details please see the individual program reports which are appended to this report.

Study Abroad and International Exchange, DeDe Long, Director

Study Abroad enrollment of 733 reflects a 21% increase from last year, indicating a continued surge upward in the number of UA administered programs and the number of students wanting to study abroad. Based on estimates provided by our prospective student database, more than 1,400 students expressed interest in studying abroad in 2012-2013 or summer 2013, but we continue to see a high volume of students starting the application process and then for a variety of reasons – often financial – withdrawing before the program start date. An estimated 250 students actively pursued study abroad but withdrew before the start date.

With the exception of the School of Architecture that requires its students to study abroad, all colleges and schools saw an increase in study abroad student participation, with the biggest increase seen by Fulbright College of Arts and Sciences. A total of 420 students participated in 27 UA short term faculty led programs, reflecting more than a 60% increase in students on UA administered summer programs. The trend continues to show that UA students prefer to study during the summer on UA administered programs with UA faculty.

Marketing and promotion of study abroad continues to be given high priority. 27 Hogs Abroad 101 information sessions were scheduled throughout the year with an estimated attendance of 140 students. Staff and peer advisors spoke to 24 FYE classes and either presented or represented the office at several events hosted by the Admissions Office, Multicultural Center, of the Office of International Students and Scholars.

We are proud of our use of social media, which continues to attract followers on Facebook (1,106) and Twitter (929). We send out an electronic newsletter every other week to more than 5,000 subscribers, and we are currently working with more than 20 active student bloggers.

The annual Study Abroad fair continues to attract hundreds of students to the Arkansas Connection Lounge. At least 50 UA faculty and staff participated plus more than 25 student volunteers, in addition to representatives from 24 outside program providers and universities.

The 2012-2013 was another active year for the signing of Memoranda of Understanding with overseas partner institutions. Several new agreements were facilitated by this office. They include:

- City University of Hong Kong, HKSAR, China (student exchange)
- Escuela Superior de Economía y Negocios (ESEN), Santa Tecla, El Salvador (student exchange)
- Fundação Instituto Capixaba de Pesquisa em Contabilidade, Economia e Finanças, Brazil (umbrella)
- Galgotias University, India (umbrella)
- Ghent University (renewal of student exchange)
- Institut Polytechnique LaSalle Beauvais, France (student exchange in progress)
- Shimane University, Japan (renewal of supplemental agreement)
- Soochow University, China (transfer articulation)
- The University of Northampton, United Kingdom (umbrella)
- Universidad Nacional del Sur, Argentina (umbrella)
- University of Regensburg, Germany (student exchange)
- University of Sussex, United Kingdom (student exchange)

The Office of Study Abroad awarded \$16,600 in scholarships to 33 students enrolling in study abroad programs during spring, summer, and fall 2013. In addition, six Fulbright Scholarships were awarded during the spring semester 2012 and 18 Gilman Study Abroad Scholarships were awarded during the spring and summer 2012, making the U of Arkansas one of the leading institutional recipients in the country.

Additionally, the office of Study Abroad and International Exchange organized, supported or engaged in these activities:

- Meetings with outside program providers: 15
- COEHP Honors Workshop Presentation
- Enrollment Services events:
 - o Ready Razorback: 2
 - o Diversity Impact Event: 1
 - o Transfer Student Information Fair: 2
- First Friday, Fayetteville – International Night
- FYE Class Talks: 24
- Hispanic Heritage Day
- Hogs Abroad 101
 - o Attendee count: 139 with 27 sessions
- Housing & Residence Life Study Abroad Presentation

- Info tables at Union (UA, peer advisor-led, spring 2013 only): 10
- Info tables (Recommended providers): 7
- International Education Week
 - o Served on committee to review essay contest entries
 - o Provided structure and support for a successful SASA Photo Contest
 - o Participated in International Dress Day
 - o International Bazaar
- International Women's Day
- ISS Dominican Republic Cultural Immersion
- Latino RSO Fair (Ginger & Antoinette manned info table)
- New Student Orientation
 - o Breakout sessions: 30, Information tables: 15, Fulbright College STAB session: 3
- Plaza de las Americas
- Study Abroad Fair (Fall)
- Study Abroad Fair (Spring)

For additional details please see the individual program reports which are appended to this report.

International Students and Scholars, Michael Freeman, Director

The University of Arkansas enrolled an all-time record of 1277 international students in the spring 2013 semester. The countries sending the largest number of students were China, India, Panama, Bolivia, and Korea. The number of international scholars coming to the University of Arkansas increased to 322 which is the highest number of scholars. Of the 322 scholars, 41 scholars had teaching duties while 243 were primarily conducting research, 18 had administrative or supporting roles and 20 came as student interns. China, India, Brazil, Korea and France sent the largest number of scholars to the University of Arkansas.

Officers and volunteers for the U.A. International Students Organization led by Danilo Tchoupe organized and implemented the first nationwide gathering of international student organization officers to form the Association of International Student Organizations in March 2013. In attendance were 77 student leaders, 8 advisors from 37 institutions and 20 states. Responses from attendees were overwhelmingly positive with forward momentum to continue efforts to create a national association.

Cynthia Smith and her International Education Week (IEW) staff were recognized for their creativity and enthusiasm by being the featured picture on the banner of the U.S. State Department's IEW Facebook site.

The Friendship Family program was expanded this year to include a parallel program called Campus Cousins. Friendship Family hosts are off campus, community related and Campus Cousins hosts are undergraduate and graduate students. Both programs now fall under iFriend (short for International Friend Program).

ICT team members collaborated with Study Abroad alumni and 25 Fulbright Perspectives classes as a pilot program to enrich the Fulbright Perspectives session focused around study abroad and diversity.

Fall 2012, 309 international students attended international student orientation with 157 attending in the spring 2013 and 21 for summer 2013. The orientation program selected and trained 29 Cross Cultural Mentors and 8 Orientation Ambassadors for fall 2012 and 18 Cross Cultural Mentors with 9 Orientation Ambassadors spring 2013.

The International Culture Team (ICT) experienced an increase in the number of presenters from 205 last year to 273, representing 45 different countries. 74 new students completed the ICT New Member Training. Through 61 events, ICT members presented 570 times reaching 7,284 participants.

ICT monthly meetings reach record highs of over 300 people at each semester opening meeting which required a move of locations from Holcombe Hall to Walker Hall, a larger space. The 35 ICT Core Members significantly assisted in handling the growth of ICT meetings.

Michael Freeman and Matt Sokoloski supported the recruitment efforts of International Recruitment and Admissions to host 2 Transfer Campus Day activities. Massiel Rodriguez represented the University of Arkansas with a visit to prospective students in the Dominican Republic. Cynthia Smith accompanied Gloria Flores with a visit to a partnering institution in Puerto Rico.

For additional details please see the individual program reports which are appended to this report.

Testing Services, Dr. Yassaman Mirdamadi, Director

Testing Services administered many graduate and professional school admission tests, professional certification and licensure tests, exemption tests and exams offered by other state and national testing programs. The office also administered institutional admission tests, national exams, credit-granting tests and exemption exams among others. In addition to administering external test offerings, the Department provided test administration services and support to the academic departments within the University, including: Credit by Examination Programs, Certification Exams, the Spoken Language Proficiency Test, the Collegiate Learning Assessment, Licensing Examinations, Remote Testing Services, Placement Exams, Admission Tests for undergraduates and graduate students, and the Multistate Professional Responsibility Exam.

During the 2012-13 academic year, Testing Services tested approximately 12,000 students, prospective students and community members.

The increase in testing volume was accomplished by modifying testing schedules, adding more testing stations at the new location, changing staffing patterns, adding two additional staff and introducing testing initiatives paid for by external clients.

The total number of IELTS's administered during 2012-2013 Year was 818 in comparison to last year's 590, an increase of 39%. This was due to the increased number of sessions and number of examinees accommodated during each session.

Significant Activities, Achievements and Changes:

- Pearson VUE recognized the Department for Excellence in Test Security for preventing a GMAT examinee from testing on behalf of another test candidate.
- Oversaw all day-to-day operations of Testing Services. Maintained testing schedules to guarantee staffing needs for Testing Services and University Community.
- Developed and updated testing services, policies, and procedures in response to changing demands.
- Added new tests to accommodate the needs of the Campus Community and the larger NW Arkansas Community.
- Trained, mentored, scheduled and directed the work of Testing Service staff, including hiring and supervision of full- and part-time employee and work-study students.
- Maintained security of tests and materials by routinely keeping inventory of materials, reviewing procedures for security, insuring secure storage and returning all test booklets and related materials to appropriate testing companies.
- Maintained Testing Service statistics including numbers of people tested, number of tests given and type of tests. Prepared reports and made recommendations concerning staffing and programming implications.
- Worked with Pearson VUE, Arkansas GED Administrator of the Arkansas Department of Career Education, Director of Fayetteville Adult & Community Education and Department staff to coordinate details for GED and Fundamentals of Engineering Exam testing via computer at the University.
- Communicated with various testing contacts for the University on test implementation, technical issues, and test administration.
- Communicated with high school counselors regarding changes in placement rules and issues that may arise regarding placement testing.
- Certified to administer and oversaw High-Tech exams, i.e. Pearson VUE, ETS, Prometric, Certiport and other certification exams.
- Maintained Website info, and Testing Service's documents, including procedures, standards, user guides, training materials, test scores and forms.
- Resolved, documented, tracked and/or monitored problems to ensure that all requests for assistance are dealt with in a timely manner.
- Managed budget and spending for Testing Services. Served on committees and assisted with University events.
- Director served as a member of the National College Testing Association (NCTA) Governing Board.

For additional details please see the individual program reports which are appended to this report.

Office of Program Assessment, Dr. Bill Warnock, Director

The Office of Program Assessment conducted and/or completed eight program reviews during the 2011-12 academic year, which represented 23 degree programs at both the undergraduate and graduate levels. Three reviews were delayed.

Additionally, the director of the Office organized, supported or engaged in these activities:

- Served as secretary for the University Course and Programs Committee (UCPC).
- Prepared monthly documentation for the Faculty Senate agenda from the UCPC and Graduate Council.
- Participated in the strategic planning efforts of the GSIE.
- Partnered with Fulbright College to establish procedures for reviewing dependent major programs.
- Continued to work with the Registrar to streamline program/course change procedures.
- Conducted review of the Graduate School and International Education

University Course and Programs Committee

During 2012-13, five new degrees/certificates, 109 undergraduate degree program changes, 41 graduate degree program changes, 222 major undergraduate course changes and 98 major graduate course changes were processed through the committees and approved by the Faculty Senate.

For additional details please see the individual program reports which are appended to this report.

Interdisciplinary Graduate Degree Programs

There are seven cross-college interdisciplinary degree programs and one cross-college interdisciplinary graduate certificate program. Three M.S. degree programs are in Cell and Molecular Biology, Microelectronics-Photonics, and Space and Planetary Sciences; four Ph.D. programs are in Cell & Molecular Biology, Microelectronics-Photonics, Public Policy, and Space & Planetary Sciences. The graduate certificate program is “Preparing for the Professoriate”.

In Fall 2012, 198 students enrolled in these degree programs (See Table 9). Of these 78 students, 39.39% were international students and 41.92% were female (See Tables 11 and 12). Of the 120 domestic students, 1.67% were Native American, 15.00% were African American, 2.5% were Asian American, 1.67% were Hispanic American, and 1.67% claimed 2+ races (See Table 10). The Ph.D. program in Public Policy had the most domestic diversity with 15 minority students and 29 females. The Ph.D. program in Cell and Molecular Biology enrolled the most international students at 30. This was nearly 62.5% of the Cell and Molecular Biology program enrollment in Fall 2012.

In the graduation year 2011-12, the most recent for which we have official data, the MS degrees in Cell and Molecular Biology, Microelectronics-Photonics, and Space and Planetary Sciences graduated 15 students, or 1.32% of the total number of master's degrees granted in that year.

In that graduation year, the doctoral degrees in Cell and Molecular Biology, Microelectronics-Photonics, Public Policy and Space and Planetary Sciences graduated 19 students, or about 11.59% of the doctoral degrees granted by the University. If we add the Ph.D. program in Environmental Dynamics, which also sees participation by faculty across the colleges but reports to the dean of the Fulbright College, the combined Ph.D. degree production was 25 students, or 15.24% of the total doctoral degrees granted by the University. Clearly, the interdisciplinary doctoral programs play a significant role in PhD graduation production for the University. Please see Tables 13-14.

For additional details please see the individual program reports which are appended to this report.

Cell and Molecular Biology (CEMB), Dr. Douglas Rhoads, Director

The program continues to grow in faculty, with 94 faculty members currently participating in the program up six from last year, and maintains a relatively constant population of graduate students. Since many of the graduate students are supported on grants or departmental assistantships (not program), the size of the graduate student population cannot grow without new grants, which is not likely during this economic downturn. Despite a weak economy, the faculty and students have been productive in obtaining grants, publishing articles, presentations at national meetings, and recognition of research accomplishments.

A University priority is to grow the graduate program. In the absence of new funding for graduate assistantships, the director devised and implemented a plan to recruit more applicants from fully sponsored international students. The director, through Sponsored Student Programs, met with educational ambassadors from Iraq, Kuwait and UAE. Specific Iraqi sponsored students were contacted, and recruited. In addition, the director has worked to build the stature of the program with the Vietnam Educational Fellows (VEF) program, including becoming a reviewer. The director worked to solicit faculty input and participation in the recruiting plan. As a result the program will be adding 2 additional VEF students to the one graduating and one continuing in the program. The number of fully sponsored students from Iraq and Saudi Arabia will grow from 12 existing to an estimated 30.

The NSF funded REU continues to be a success. During the first year (summer 2011), we had nine students, with over 150 applicants for summer 2012. The NSF REU, student involvement, and contacts is already showing dividends in increasing diversity. The response of the REU students is highly positive, and they are helping to spread the word about UA. As a result of this funding we have already added to new graduate students of color.

Faculty members of this program continue to obtain funding despite the poor economy and funding rate. There were sixteen continuing grants and eleven new grants that support graduate

students, with a Principal Investigator or Co-Principal Investigator who also participates in the CEMB program.

One patent resulted from research in this program: Akkam Y, D Nguyen, DS McNabb and S Kumar. Provisional patent 61/789,307 “Peptides with Antifungal Activity and Methods of Using the Peptides” filed with the U.S. Patent and Trademark Office 3/15/2013.

Students in this program won the following awards, honors or recognitions:

Akkam, Yazzan (PhD candidate) was awarded a \$650 travel grant to attend the Gordon Conference on Antimicrobial Peptides to present a talk and a poster: Akkam, Y., D. Nguyen, S. Kumar, and D.S. McNabb. 2013. Analysis of retro and retroenantio derivatives of histatin 5. Gordon Research Conference on Antimicrobial Peptides: Discovery, Function and Application. Four Point Sheraton/Holiday Inn Express, Ventura, CA. Feb. 24-March, 1, 2013.

Cao, Chike (MS, 2006) completed her PhD in 2012 at the University of Medicine and Dentistry of New Jersey and started a postdoc at Mayo Clinic in Rochester, MN.

Chakravarti, Ananya (PhD candidate) won first place in the Abstract to Contract Graduate Student Competition for the poster: Chakravarti, A., L. Bates, I. Pinto, and D.S. McNabb. 2013. The role of the CCAAT binding factor in *C. albicans* oxidative stress response. University of Arkansas, Fayetteville, AR, February 8, 2013.

Danforth, Rebecca (PhD, 2009) Grants Specialist, Department of Systems Medicine and Bioengineering The Methodist Hospital Research Institute, Houston, TX

Padilla, Carmen (PhD, 2012) postdoctoral researcher with Fiona Goggin, Department of Entomology, University of Arkansas, Fayetteville, AR.

Park, Si Hong (PhD, 2013) 2013 Winner, 1st place Graduate research competition at UA (Abstract to Contract)

Prakash Rath (MS, 2004) PhD Univ of Missouri-Columbia 2009, postdoctoral fellow Johns Hopkins School of Medicine 2009-2011. Now a Commission’s Fellow at the Food and Drug Administration in Washington, DC.

Seyran, Esra (PhD, 2011) is employed by the European Commission in Brussels, Belgium as a Technical Project Officer under the Director General for Joint Research Centres, in the Standards for Security unit working on issues related to agricultural security.

Song, Kunhua (MS, 2002) Accepted Assistant Professor position, Department of Medicine, University of Colorado School of Medicine, Denver

Susi Jeffus, (MS, 2003) currently a fellow in cytopathology at the Univ of Virginia School of Medicine, Charlottesville, VA

Tiwari, Neha (PhD, 2011)- Process Development Manager VGXi, Inc, Woodland TX

Twenty-five manuscripts were published with CEMB students as co-authors, and an additional six were in press. Fifty-two presentations at professional conferences included CEMB students.

Please see the individual program reports which are appended to this report.

Public Policy (PUBP), Dr. Brinck Kerr and Dr. Valerie Hunt, Director and Associate Director

The program enrolled 54 students in 2012-13. Enrollment continues to be diverse. The acceptance rate for 2012-2013 was 60 percent (12 of 20 applicants).

PUBP implemented several changes over the past three years. The minimum GPA for program admission was increased to 3.2 in fall 2010. Beginning with fall 2013 admissions, all applicants are required to submit a GRE score; the program does not have a minimum score. The program now requires a formal dissertation defense for all Ph.D. candidates. Areas of specialization have been restructured. As part of this process, a new specialization, Community Development and Recreation Policy, was created. Due to low demand, the specialization in Disability Policy was eliminated. Professor Jean Henry (COEHP) was appointed specialization coordinator for Health Policy. A student representative now serves on the PUBP faculty/governing committee. Mixed methods, now offered once a year, will help to make our students better prepared in research design/methods and more competitive on the academic job market. Beginning in 2013, a new public policy analysis course will be offered once a year. The faculty voted in 2012 to approve a new PUBP course (currently listed as PLSC 5163) in public policy theory. The faculty also voted to eliminate the portion of the program residency policy that requires PUBP students to be enrolled in a minimum of 12 hours per year in each of two years.

Twenty-nine presentations at professional conferences and twenty-one professional publications included PUBP students as authors or co-authors. Additional activities are included in the attached “Annual Report for the Public Policy PhD Program (2012-13)”.

PUBP students also hold a variety of service positions:

- ❖ President of the Oklahoma Forensics Association, 2012-2014.
- ❖ Assistant Editor of the Journal of Comparative Social Welfare
- ❖ Board member on the Red Web Foundation
- ❖ President of MANRRS, an RSO at the University of Arkansas
- ❖ Southern Regional Representative of the National Association of Community Development Extension Professionals
- ❖ Graduate Dean’s Student Advisory Board
- ❖ Vice President for Organization, Tahlequah Area Chamber of Commerce, and as a member of the steering committee, Tahlequah City Strategic Planning Project.
- ❖ Social Science Policy Analyst with the Congressional Research Service.

For additional details please see the individual program reports which are appended to this report.

Microelectronics-Photonics (MEPH), Professor Ken Vickers, Director

The Microelectronics-Photonics (μ EP) faculty voted in the fall 2012 faculty meeting to expand the scope of the μ EP research to accept theses and dissertations on any materials research that includes include micro to nanoscale structures. The popularity of the μ EP program continued to grow as shown by having a record setting cohort size for the second year in a row (Cohort 14's 21 students in AY 2011-12 and were exceeded by the 22 students in Cohort 15 in AY 2012-13). Twelve students received MS μ EP degrees and four students received PhD μ EP degrees during this reporting period (one MS graduate was African-American and one MS graduate was female). Four of the MS graduates proceeded into PhD μ EP program, with three of the four being continuing DAF awardees.

Founding μ EP Director Ken Vickers announced his intention to retire as of the end of summer 2014. Permission for an external search for a new Director was requested for the fall 2013 semester, with a hire-in target for the new Director of January 2014.

Women in STEM graduate programs: Eighteen of the 76 active students in the fall semester are women, with eight beyond the MS degree and enrolled in the PhD μ EP program. One MS μ EP female student is African-American.

African-Americans in STEM graduate programs: Six of the 76 active students in the fall semester are African-American, with five of the six declared as PhD path students and three already beyond the MS degree and enrolled in the PhD μ EP program.

Students and alumni of the μ EP program have been very active in the Graduate Certificate in Entrepreneurship under Dr. Carol Reeves in the Walton College of Business, and have gained significant financial resources for their start-up business visions and national recognition through nationally ranked business plan competitions. News articles outlining some of these activities are included after the unit report, and highlight the success of the entrepreneurial technology management training at the core of the μ EP program.

Two entering Cohort 16 students, Stephen Bauman (BS Engineering Physics) and Anuradha Chowdhury (BS Physics and MS Nanoscience), were awarded Doctoral Academy Fellowships.

Seven publications in peer reviewed journals included μ EP students as co-authors and one student was a co-author on a poster presented at a professional meeting.

For additional details please see the individual program reports which are appended to this report.

Assessment of the Graduate School and International Education

Contained within the reports from each individual unit is an assessment of our performance. As part of developing a new Graduate School and International Education strategic plan, two outside reviewers conducted site visits and provided written reports, one reviewer (Dr George Flowers,

Dean of the Graduate School, Auburn University) concentrated on the Graduate School operation and the other reviewer (Dr. Dr. Christopher Viers, Associate Vice President for International Studies at Indiana University) concentrated on International Education. The suggestions and concerns presented by both reviewers directly affected the strategic plan and goals stated earlier.

The following goals have already been instituted and have some first year results. They will be used for the next annual report and are as follows:

Advance the visibility and reputation of the University of Arkansas within the nation and around the world and promote the UA as a destination of choice for students and scholars.

Initiate and maintain strong connections with, and advocate for, graduate, international, and study abroad students and scholars from the time of initial inquiry through post graduation.

Actively seek to promote and strengthen strategic relationships with partner institutions, academic units, university departments and the community.

Serve as the central unit for tracking and providing risk assessment for international education mobility.

Facilitate the development and management of innovative and educational graduate, international, and interdisciplinary programs.

Adopt an enrollment management plan to meet university goals:

Increase the quantity and diversity of qualified international and graduate applications;

In Fall 2012, 169 more students applied for graduate admissions compared to Fall 2011, and admissions by the Graduate School and/or the degree programs were up 5.7%. This represented 77 new enrollments, an 11.1% increase. [Note that this does not include applications to the Graduate School of Business.]

Over-all, considering both domestic and international graduate applications, the fall 2012 admission cycle saw an increase of 169 domestic applications (an increase of 7.5%); 112 international graduate applications (+8.24%); and 181 international undergraduate applications (+31.7%), with an over-all increase of 462 applications, or a +11.11%.

It is clear both that we continue to bring highly qualified applicants to the degree programs, but that the departmental programs are more selective about the graduate students they will accept, given the pressure from undergraduate and honors enrollment growth. See the separate report for the Office of Graduate and International Recruitment and Admissions, and Sponsored Student Programs.

Increase the diversity of domestic graduate school applications

Increase the percentage of graduate students to 20% of the total student headcount enrollment by 2020;

Increase the percentage of graduate students

Increase the percentage of international graduate students to 20% of the total graduate student headcount by 2020

Increase the percentage of international students to 10% of the total headcount enrollment by 2020; with at least 200 international first-time, full-time freshmen

Increase the number of quality international undergraduate applications

In Fall 2012 compared to Fall 2011, there were 181 more international undergraduate applications, with a 2.4% increase in admissions, but a 4.6% decrease in enrollments. Denials were also up 56.6%.

Increase the number of quality international graduate applications

In fall 2012 compared to fall 2011, there were 112 more graduate international applications, with a 5.6% increase in admissions, but decrease of 4.9% in enrollments.

Increase the percentage of enrolled international undergraduate students

In fall 2012, there were 623 enrolled international undergraduate students. This compares to 585 in fall 2011 for an increase of 6.5%.

Increase the percentage of enrolled international graduate students

In fall 2012, international master's enrollment had increased by 20 students over fall 2011 or a 7.69% increase. However, doctoral enrollment in remained the same at 335 students. See Table 4. Thus, over-all, international master's and doctoral enrollment increased in fall 2012 compared to the previous year, but the gains were modest.

Increase the percentage of graduate students

In Fall 2012, graduate students (master's, specialist, doctoral, certificate and non-degree) were 15.40% of the total University enrollment. This compared to 16.20% in Fall 2011 and 17.52% in Fall 2010. As the undergraduate enrollment continues to increase, we fear that this trend will continue. See Table 1.

Increase the number of sponsored students to 20% of the international headcount enrollment by 2020

Increase the percentage of enrolled visiting students to 125 each semester

Maintain an average of 120 countries represented in the international student population and strengthen the enrollment from countries with less than 10 students on campus

Increase the participation rate of graduating seniors completing a significant international experience to 25% by 2020

Increase the percentage of graduating seniors integrating a significant international experience into their degree programs

In 2012-13, 733 students were enrolled in study abroad courses, up from 604 in FY 12 a 21% increase. However, with the increase in bachelor degrees awarded the participation rate actually declined to 14% of the graduating seniors integrating an international experience into their degree program.

Increase the number of outbound UA students enrolling in reciprocal exchange programs to 15% of the total study abroad population per year by 2020

Advance the visibility and reputation of the University of Arkansas within the nation and around the world and promote the UA as a destination of choice for students and scholars.

APPENDIX – TABLES

Table 1: Graduate Enrollment, in Frequencies and Percentages of Total University Enrollment, Fall 2010-Fall 2012

	Master's	Specialist	Doctoral	Grad Cert	Non-Degree	Total	% Change	Total Univ	% Univ
Fall 2012	2,432	11	1,184	8	132	3,777	0.48%	24,537	15.40%
# Change						8			
Fall 2011	2,404	16	1,183	20	136	3,759	0.21%	23,199	16.20%
# Change						8			
Fall 2010	2,392	21	1,137	19	182	3,751	4.02%	21,405	17.52%
# Change						145			

Table 2: Master's and Doctoral Enrollment by Race/Ethnicity, by Frequencies and Percentages of Total Domestic Graduate Enrollment, Fall 2010-Fall 2012

	Minority	White	Unknown	Total
Master's				
Fall 2012	352	1,785	15	2,152
	16.36%	82.94%	0.70%	
Fall 2011	360	1,768	16	2,144
	16.79%	82.46%	0.75%	
Fall 2010	360	1,749	22	2,131
	16.89%	82.07%	1.03%	
Doctoral				
Fall 2012	161	673	15	849
	18.96%	79.27%	1.77%	
Fall 2011	154	681	13	848
	18.16%	80.31%	1.53%	
Fall 2010	148	657	14	819
	18.07%	80.22%	1.71%	

Table 3: Master's and Doctoral Enrollment, By Gender, in Frequencies and Percentages of Total Master's and Doctoral Enrollment, Fall 2010-Fall 2012

Master's	Male	Female	Total
Fall 2012	1,234	1,198	2,432
	50.76%	49.26%	
Fall 2011	1,248	1,156	2,404
	51.91%	48.09%	
Fall 2010	1,205	1,187	2,392
	50.38%	49.62%	
Doctoral			
Fall 2012	657	527	1,184
	55.49%	44.51%	
Fall 2011	656	527	1,183
	55.45%	44.55%	
Fall 2010	608	529	1,137
	53.47%	46.53%	

Table 4: Master's and Doctoral Enrollment by Nationality, in Frequencies and Percentages of Total Master's and Doctoral Enrollment, Fall 2010 – Fall 2012

	Domestic	International	Total
Master's			
Fall 2012	2,152	280	2,432
	88.49%	11.51%	
Fall 2011	2,144	260	2,404
	89.18%	10.82%	
Fall 2010	2,131	261	2,392
	89.09%	10.91%	
Doctoral			
Fall 2012	849	335	1,184
	71.71%	28.29%	
Fall 2011	848	335	1,183
	71.68%	28.32%	
Fall 2010	819	318	1,137
	72.03%	27.97%	

Table 5: Graduate Degrees Awarded, in Frequencies and Percentages of Total Graduate Degrees, 2009/10-2011/12

	Master's	Specialist	Doctoral	Total
2011-12	1,140	4	164	1,308
	87.15%	0.31%	12.54%	
2010-11	1,097	5	166	1,268
	86.51%	0.39%	13.09%	
2009-10	1,035	5	147	1,187
	87.19%	0.42%	12.38%	

Table 6: Master's and Doctoral Degrees by Ethnicity/Race, in Frequencies and Percentages of Total Domestic Master's and Doctoral Degrees, 2009/10-2011/12

Master's		Minority	White	Unknown	Total Domestic
2011-12	n	165	823	13	1001
	% Dom	16.48%	82.22%	1.30%	
2010-11	n	184	756	11	951
	% Dom	19.35%	79.50%	1.16%	
2009-10	n	119	784	9	912
	% Dom	13.05%	85.96%	0.99%	
Doctoral					
2011-12	n	25	86	1	112
	% Dom	22.32%	76.79%	0.89%	
2010-11	n	18	100	5	123
	% Dom	14.63%	81.30%	4.07%	
2009-10	n	13	81	7	101
	% Dom	12.87%	80.20%	6.93%	

Table 7: Master's and Doctoral Degrees Awarded, by Gender, in Frequencies and Percentages of Total Master's and Doctoral Degrees, 2009/10-2011/12

Master's		Female	Male	Total
2011-12	n	555	585	1,140
	% Total	48.68%	51.32%	
2010-11	n	552	545	1,097
	% Total	50.32%	49.68%	
2009-10	n	509	526	1,035
	% Total	49.18%	50.82%	
Doctoral				
2011-12	n	76	88	164
	% Total	46.34%	53.66%	
2010-11	n	93	73	166
	% Total	56.02%	43.98%	
2009-10	n	54	93	147
	% Total	36.73%	63.27%	

Table 8: Master's and Doctoral Degrees Awarded, by Nationality, in Frequencies and Percentages of Total Master's and Doctoral Degrees, 2009/10-2011/12

Master's		Domestic	International	Total
2011-12	n	1001	139	1,140
	% Total	87.81%	12.19%	
2010-11	n	951	146	1,097
	% Total	86.69%	13.31%	
2009-10	n	912	123	1,035
	% Total	88.12%	11.88%	
Doctoral				
2011-12	n	112	52	164
	% Total	68.29%	31.71%	
2010-11	n	123	43	166
	% Total	74.10%	25.90%	
2009-10	n	101	46	147
	% Total	68.71%	31.29%	

Table 9: Enrollment in Cross-College Interdisciplinary Degree Programs, Fall 2010-Fall 2012

	CEMBMS	CEMBPH	MEPHMS	MEPHPH	PUBPPH	SPACMS	SPACPH	TOTAL
Fall 2012	12	48	34	30	51	2	21	198
Fall 2011	9	47	25	21	54	2	24	182
Fall 2010	12	46	28	23	59	2	25	195

Table 10: Enrollment in Cross-College Interdisciplinary Degree Programs, By Race/Ethnicity, Fall 2012

Fall 2012	Native American	African American	Asian American	Hawaiian	Hispanic American	2+ Races	White	Unknown	Total Domestic
CEMBMS		1					3		4
CEMBPH			2		1	1	13	1	18
MEPHMS		4	1				16		21
MEPHPH		2					13		15
PUBPPH	2	11			1		30	1	45
SPACMS							2		2
SPACPH						1	14		15
TOTAL #	2	18	3	0	2	2	91	2	120
TOTAL %	1.67%	15.00%	2.50%	0.00%	1.67%	1.67%	75.82%	1.67%	

Table 11: Enrollment in Cross-College Interdisciplinary Degree Programs, By Gender, Fall 2012

	Male	Female	Total
CEMBMS	4	8	12
	33.33%	66.67%	
CEMBPH	25	23	48
	52.08%	47.92%	
MEPHMS	27	7	34
	79.41%	20.59%	
MEPHPH	27	3	30
	90.00%	10.00%	
PUBPPH	22	29	51
	43.14%	56.86%	
SPACMS	1	1	2
	50.00%	50.00%	
SPACPH	9	12	21
	42.86%	57.14%	
TOTAL #	115	83	198
TOTAL %	58.08%	41.92%	

Table 12: Enrollment in Cross-College Interdisciplinary Degree Programs, by Residency, Fall 2012

Fall 2011	Domestic	International	Total
CEMBMS	4	8	12
	33.33%	66.67%	
CEMBPH	18	30	48
	37.50%	62.50%	
MEPHMS	21	13	34
	61.76%	38.24%	
MEPHPH	15	15	30
	50.00%	50.00%	
PUBPPH	45	6	51
	88.24%	11.76%	
SPACMS	2	0	2
	100.00%	0.00%	
SPACPH	15	6	21
	71.43%	28.57%	
TOTAL #	120	78	198
TOTAL %	60.61%	39.39%	

Table 13: Degrees Awarded in Cross-College Interdisciplinary Master's Programs, as a Percentage of Total Master's Degrees Awarded, 2001/02 – 2011/12

	CEMBMS	MEPHMS	SPACMS	TOTAL	UNIV	% UNIV
2011-12	5	9	1	15	1,140	1.32%
2010-11	7	4	0	11	1,097	1.00%
2009-10	1	4	0	5	1,035	0.48%
2008-09	1	11	0	12	946	1.27%
2007-08	4	15	1	20	963	2.08%
2006-07	5	13	0	18	939	1.92%
2005-06	7	7	1	15	987	1.52%
2004-05	10	7	N/A	17	909	1.87%
2003-04	4	8	N/A	12	833	1.44%
2002-03	3	4	N/A	7	803	0.87%
2001-02	1	7	N/A	8	736	1.09%
TOTAL	48	89	3	140	10,388	1.35%

Table 14: Degrees Awarded in Cross-College Interdisciplinary Doctoral Programs, as a Percentage of Total Doctoral Degrees Awarded, 2001/02 – 2011/12

	CEMBPH	MEPHPH	PUBPPH	SPACPH	TOTAL	UNIV	% UNIV
2011-12	9	3	5	2	19	164	11.59%
2010-11	14	5	9	2	30	166	18.07%
2009-10	6	2	6	5	19	147	12.93%
2008-09	5	7	12	1	25	160	15.63%
2007-08	8	3	5	0	16	144	11.11%
2006-07	3	4	4	0	11	115	9.57%
2005-06	6	5	10	1	22	134	16.42%
2004-05	3	8	6	N/A	17	145	11.72%
2003-04	2	2	1	N/A	5	110	4.55%
2002-03	0	2	1	N/A	3	120	2.50%
2001-02	0	0	0	N/A	0	106	0.00%
TOTAL	56	41	59	11	167	1511	11.05%

Table 15: Doctoral Degrees Awarded, Cross-College Interdisciplinary Programs and Environmental Dynamics, as a Percentage of Total Doctoral Degrees Awarded, 2001/02 – 2011/12.

	CEMBPH	ENDYPH	MEPHPH	PUBPPH	SPACPH	TOTAL	UNIV	% UNIV
2011-12	9	6	3	5	2	25	164	15.24%
2010-11	14	5	5	9	2	35	166	21.08%
2009-10	6	5	2	6	5	24	147	16.33%
2008-09	5	3	7	12	1	28	160	17.50%
2007-08	8	6	3	5	0	22	144	15.28%
2006-07	3	4	4	4	0	15	115	13.04%
2005-06	6	4	5	10	1	26	134	19.40%
2004-05	3	3	8	6	N/A	20	145	13.79%
2003-04	2	4	2	1	N/A	9	110	8.18%
2002-03	0	2	2	1	N/A	5	120	4.17%
2001-02	0	7	0	0	N/A	7	106	6.60%
TOTAL	56	49	41	59	11	216	1,511	14.30%