

2011

COLLEGE OF HEALTH AND LIFE SCIENCES



FY 2011 ANNUAL REPORT

Fort Hays State University

8/1/2011

FY2011 ANNUAL REPORT OF CONTINUOUS IMPROVEMENT

College of Health and Life Sciences Fort Hays State University

MISSION STATEMENT/INTRODUCTION

Fort Hays State University is a regional university principally serving western Kansas, a primarily rural area supported by an agricultural economic base. Demographic studies of the region indicate an increasingly aging population. The College of Health and Life Sciences is committed to reviewing and addressing, on a continuing basis, education, health care, and professional service needs of the region. The college administers a broad scope of academic disciplines and consequently has a diverse mission.

The primary commitment of the college is to provide quality academic programs. The College of Health and Life Sciences is home to the Departments of Agriculture, Allied Health, Biological Sciences, Communication Disorders, Health and Human Performance and Nursing. The professional programs in the college are rooted in knowledge derived from the traditional biological sciences. The Bachelor of Science degree is offered in the disciplines of Agriculture, Agri-business, Biological Sciences, General Science, Medical Diagnostic Imaging, Ultrasound, Health and Human Performance, Athletic Training, Speech-Language Pathology, and Nursing. Graduate degrees are offered in Biology, Speech-Language Pathology, Health and Human Performance, and Nursing. The college contributes to the Fort Hays State University general education program through offerings in the Departments of Biological Sciences and Health and Human Performance. In addition, a program in the Department of Allied Health offers an associate degree in Radiologic Technology. The college is dedicated to the utilization of new technologies in the various disciplines.

The college recognizes the importance of scholarship to the quality of the instructional program. Faculty are expected to engage in research or other scholarly activities which contribute to their discipline, and wherever appropriate, address issues of concern in western Kansas.

The faculty of the College of Health and Life Sciences provide a variety of professional and educational services throughout western Kansas. Each department is dedicated to meet the needs of the lay and professional community through faculty consultations, especially on environmental issues (Agriculture and Biological Sciences), cardiac rehabilitation and wellness

programs (Health and Human Performance), and clinical services (Allied Health, Communication Disorders, and Nursing).

COLLEGE OF HEALTH AND LIFE SCIENCES GOALS

Academic Program Development

1. To provide a program inventory that is responsive to student demands and to societal needs, especially in western Kansas.
2. To respond to on-campus and virtual programming needs.

Facilities/Equipment

1. To facilitate the planning and utilization of facilities in order to meet programmatic needs.
2. To provide up-to-date equipment for faculty utilization in instruction, scholarship, and service.

Instruction

1. To continue the present high level of personalized instruction/teaching (high touch) while incorporating an increased level of appropriate technology and innovative instruction/teaching (high tech).

Operational Funding

1. To maximize the use of funds available for operations and to increase that portion of funding from external sources.

Scholarship and Service

1. To encourage and support faculty in the pursuit of scholarship and service activities.

Staffing

1. To adjust enrollments commensurate with faculty and support personnel.
2. To establish an enrollment maintenance project.
3. To diversify the faculty in the College of Health and Life Sciences.

Students

1. To prepare our students for careers in a diverse, global environment.
2. To increase the diversity of the student population in the college.
3. To continue student awards for recognizing outstanding student achievement.
4. To enhance the retention of new and continuing students.

ORGANIZATION AND ADMINISTRATION

The chief administrative officer of the College is the Dean. An administrative specialist coordinates the activities of the Office of the Dean. The six academic departments are each administered by a department chair.

The College is committed to the concept of shared governance and seeks to involve as broad a range of representation in the operation of the College as possible. Policies and processes are set forth in the College operating papers. The department chairs constitute the Chairs' Council. This body meets on a regular basis and a protocol for each meeting has been established. The department chairs, representing the faculty of their respective departments, have the opportunity for direct communication with the Dean, both through the Council and on an individual basis. Input from the faculty is solicited through the Faculty Advisory Council, which consists of one faculty member from each department. The Council meets once each month and addresses issues brought forward by the faculty or the Dean. The Council standing committees are the Executive Committee; Curriculum Committee; Finance, Facilities, and Planning Committee; Student Recruitment, Admission, and Progression Committee; and the Instruction, Research, and Service Committee. Following University direction, the College utilizes a College Personnel Committee usually with one representative from each academic department. This committee advises the Dean on personnel matters. In addition, the Dean meets with the faculty of individual departments or with individual faculty members as requested.

Students are provided the opportunity to participate in the governance of the College through the Student Advisory Council. The Dean assembles the Student Advisory Council on an as-needed basis and seeks advice and counsel on matters for which students have special insight.

DISTINCTIVE COLLEGE ACCOMPLISHMENTS

Summary:

The College of Health and Life Sciences has made progress in core programming and performance. Each of the six academic departments continues to meet the needs of Fort Hays State University students and constituents with continued excellence in the areas of instruction, scholarship, and service. Departments have been willing to identify opportunities for growth and development and have successfully taken on new challenges. The college continues to realize growth in most programs and has maintained viable on-campus programs while identifying opportunities for virtual programming with a focus on maintaining academic quality.

Goal 1: Identify new program opportunities to enhance academic offerings in the College of Health and Life Sciences (Innovation)

- Finalizing proposal to establish Masters of Professional Studies program. Will be submitted for review this summer.
- Revised General Science curriculum to attract a more broad audience from the sciences and maximize resources associated with the program.
- Established an Emergency Medical Technician training program to meet the regional needs for specially trained technicians.
- Established a Public Health curriculum sequence and course development is in progress. Will be available as a concentration at the undergraduate or graduate program or in conjunction with an MLS or MPS degree.
- Virtual course developed for BIOL 102 Human Biology Lab. The course will be offered fall 2011.
- Environmental Science option within General Science degree program established to support sustainability programming.
- Developing an interdisciplinary course entitled Global Sustainability: Food Production, Consumption and the Environment for virtual delivery.
- Established preliminary communications regarding opportunities for a joint Athletic Training Education Program involving FHSU, Emporia State, and Washburn University.
- Developed a Sport and Exercise Therapy concentration to provide students additional options for admission to professional programs in the health sciences.
- Pursuing the development of a veterinary imaging/ultrasound program involving the departments of agriculture and allied health.
- Finalizing curriculum revision for Sports Management majors.
- Developed and launched Health Care Administration emphasis in PSM program.
- Developed and launched Health Care Management emphasis in collaboration with MBA program.
- Developed and launched Sports Management emphasis in collaboration with MBA program.
- Continued the programmatic development of coursework for virtual delivery.
- online MDI coursework (full program now available)
- HHP undergraduate coursework (working toward full program available online)
- Multiple courses in communication disorders
- multidisciplinary course in agriculture
- agricultural history
- Finalized certificate programs in CT, MRI, and Women's Imaging.
- Participated in the Kansas Hunger Dialogue meetings. Looking for opportunities to institutionalize hunger issues, sustainability and the life sciences.
- Submitted grant requests totaling more than \$3.5 million to support programs in CHLS.
- Completed renovation of space in Cunningham Hall for ultrasound/sonography program.
- Affiliated with Great Plains Regional Medical Center, North Platte, NE for imaging program expansion.
- Pursued enhanced alignment with North Central Kansas Technical College.
- Developing 5 year program for Speech-Language Pathology majors (undergraduate through graduate).

- Offer active aging and rehabilitation programs through numerous initiatives in the departments of health and human performance, communication disorders, and nursing.
- Continued growth in CHLS programs.
- Increase in undergraduate majors by 7%
- Increase in graduate majors by 11%
- Increased VC student credit hour production by 15%
- Increase in new freshman/transfers by 7%
- Worked w/ numerous governmental and non-governmental organizations in securing program support. Grant or program support pursued through:
 - U.S. Department of Education
 - National Science Foundation
 - Scottish Rite/RiteCare
 - KINBRE
 - Prairie Biotic Research Assoc.
 - Kansas Department of Wildlife and Parks
 - Kansas Department of Health and Environment
 - March of Dimes
 - State Farm
 - Corporation for National and Community Service
 - Li-Cor Biosciences
 - Dane G. Hanson Foundation
 - Hadley Foundation
 - Kansas Farm Bureau
 - NRA/Kansas State Rifle Association
 - Hays Medical Center
 - Numerous community and county supporters

Goal 2: Employ recruitment/retention efforts to attract/retain students in the College of Health and Life Sciences (Continuous Improvement)

- Established a college Facebook page and encouraged the development of department level application of social networking strategies.
- Continue to serve on the university retention committee and the student of color retention task force.
- Hosted many successful workshops and specialty programs on campus and in the community. Examples include:
 - Evidence-based Practice in Allied Health Research Symposium
 - Agricultural Outlook Conference
 - Kansas Academy of Science Annual Conference
 - Kansas Association of Agriculture Educators Conference
 - Department of Nursing Nightingale Experience

- Kansas Kids Fitness Day
- Child Obesity Workshop in partnership with KU Center for Physical Activity and Weight Management
- Confined Animal Feeding Operation Workshop
- Kansas Hunter Safety Certification Workshops
- KSHSAA Official Training Workshops
- Watershed on Wheels Program in partnership with Kansas State University
- Enhanced simulation instructional capabilities through the addition of interdisciplinary simulation units that serve multiple programs within the college.
- Continued work with the Hays Health Promotion Coalition involving FHSU, HMC, and community representatives to identify opportunities to enhance the health behaviors of citizens of Ellis County.
- Worked with the CHLS Student Advisory Council to identify recruiting strategies. Departments have implemented varied recruiting strategies based on SAC recommendations.
- Continued to seek and establish grant support for recruiting students into careers in nursing.
- Purchased retractable promotional banners and table covers for each department in CHLS.
- Several departments have updated and enhanced recruiting materials and approaches. Provided direct and indirect support for extra-curricular programs that attract students to campus and into various academic majors (FHSU Shooting Sports Club, FHSU Rodeo Club, etc.).
- Provided support for the undergraduate research initiative by making additional funding available to support equipment and travel needs associated with research projects.
- Plan to launch a College of Health and Life Sciences speaker series for FY12. Focus will be on FHSU graduates who have demonstrated notable accomplishment in their field.

Goal 3: Participate meaningfully in the institutional wellness initiative (Campus with a Conscience)

- Established a wellness center director position to provide dedicated support to facilitate coordination of university wellness initiatives.
- Expanded services provided through the University Wellness Center for students, faculty, and staff.
- Continued development of curricular initiative to allow students to earn “wellness certified” designation.
- Collaborate w/ Kansas State University Research and Extension to provide a graduate assistant for Family Nutrition Program.
- Collaborated with Hays Medical Center to provide a graduate assistant for Athletic Training programs.
- Collaborating with Hays Recreation Commission to provide two graduate assistants to support community wellness activities through HRC and FHSU.
- Launched Take Bike/Leave a Bike program through FHSU intramurals.

- Continued excellence in programs serving older adults through the Foster Grandparent and Senior Companion Programs, Geneva Herndon Speech Language and Hearing clinic, Stroke Rehabilitation Center, and Active Aging Programs.
- Continued development of Hays Health Promotion Coalition in coordination w/ HMC.
- Co-hosted Child Obesity Workshop w/ KU Center for Physical Activity and Weight Management.
- Completed facility development in Cunningham Hall to enhance Intramural and Recreational Sport programming and equipment management.
- Worked with Student Health Center Director and Department of Nursing faculty to enhance services delivered through the Student Health Center.
- Involvement of students from various academic departments (HHP, Nursing, Communication Disorders, Psychology, Sociology) with Foster Grandparent and Senior Companion Programs.

Goal 4: Identify opportunities to participate in the internationalization of the campus (Internationalization)

- Working with Washburn University and Western Kentucky University to establish collaborative summer travel abroad programs in sports management and adventure programming.
- Continue to promote study abroad opportunities for faculty and students through department chairs and the Office of Internationalization.
- Created student scholarship program for CHLS students involved in study-abroad program.
- Provided financial support for faculty travel for international educational/scholarly activities in Biological Sciences and Nursing (Australia, England, Mexico, South America).
- Providing financial support for nursing student travel to Chile (Summer 2011).
- Host the American Accent Program in the Department of Communication Disorders.

Other areas of significant contribution by College of Health and Life Sciences units.

- Continued excellence in graduate and undergraduate student research and creative activity.
- Continued excellence in service learning opportunities provided for students through all academic departments.
- Faculty in all departments were active in discipline specific scholarship and service, often providing opportunities for student involvement. The college is a leader in involving undergraduate and graduate students in the research process. College of Health and Life Sciences faculty were involved in over 200 scholarly activities, including over 40 published manuscripts and abstracts, numerous professional presentations, and other scholarly performances or creative activities.
- Faculty submitted over 50 successful research and service grant proposals, many involving undergraduate and/or graduate students.

COLLEGE PERFORMANCE INDICATORS

Key Performance Indicator	FY2007	FY2008	FY2009	FY2010	FY 2011
Freshmen	227	228	223	259	262
Transfer Students	189	171	141	163	196
Majors					
Undergraduate	1400	1439	1322	1343	1459
Graduate majors	157	165	184	201	226
MLS students	26	23	14	21	7
Major Retention	63.83%	63.26%	62.15%	61.31%	61.92%
Student Credit Hour					
Undergraduate	27,896	27,871	27,382	27,763	30,109
Graduate	2848	3204	3749	3798	4209
Faculty					
Tenured or Tenure-track Faculty (Headcount)	49	53	51	50	52
Non Tenure-Track Faculty (Headcount)	31	30	19	24	29
Degrees					
Undergraduate degrees	283	284	293	264	261
Graduate degrees	39	44	52	59	66
Scholarly Activity					
Number of books, book chapters, and refereed articles published	39	34	26	18	29
Percent of faculty publishing refereed books, chapters, or articles	43.4%	40.5%	24.5%	26.5%	39%
Number of non-refereed articles and presentations	135	125	124	165	157
Percent of faculty publishing non-refereed articles or presentations	66.7%	43.20%	51%	70.2%	63%
Total number of external grant applications submitted/percent of faculty submitting	39/31/5%	46/35.30%	49/27%	44/35%	59/39%

Key Performance Indicator	FY2007	FY2008	FY2009	FY2010	FY 2011
Total number of funded external grants/percent of faculty funded	33/27.6%	41/31.20%	43/25%	42/32.5%	56/34%

National Survey of Student Engagement Results for the College of Health and Life Sciences Seniors

Level of Academic Challenge

CHLS Mean	FHSU Mean	Peer Mean
56.6 *	56.4	56.9

Active and Collaborative Learning

CHLS Mean	FHSU Mean	Peer Mean
47.5 *	43.9	51.9

Student-Faculty Interaction

CHLS Mean	FHSU Mean	Peer Mean
46.2 **	38.5	41.9

Enriching Educational Experiences

CHLS Mean	FHSU Mean	Peer Mean
34.8 *	32.9	38.3

Supportive Campus Environment

CHLS Mean	FHSU Mean	Peer Mean
65.6 **	60.8	59.3

* CHLS mean exceeds FHSU mean

** CHLS mean exceeds FHSU and NSSE Peer mean

Current Quality Initiatives

Goal 1: Identify new program opportunities to enhance academic offerings in the College of Health and Life Sciences (Innovation)			
Objectives	FHSU Strategic Plan	AQIP/Perf. Agree. Goals	Regents' System Goals
Identify opportunities to coordinate sustainability related programming	Theme B	Goal 1	Goal C
Identify and support research opportunities in the biosciences/biotechnology	Theme C	Goal 2	Goal D
Develop public health courses to apply toward certificate and degree programming	Theme H		
Pursue Masters of Professional Studies program	Theme I		
Identify opportunities for academic programs through Denver Center (Allied Health/Nursing)			
Increase application of technology in academic and clinical settings			
Identify opportunities for increased senior programming			
Goal 2: Employ recruitment/retention efforts to attract/retain students in the College of Health and Life Sciences (Continuous Improvement)			
Objectives	FHSU Strategic Plan	AQIP/Perf. Agree. Goals	Regents' System Goals
Apply social media strategies to enhance communication with students, alumni, and other constituents	Theme A	Goal 1	Goal B
Pursue opportunities for facility development that will enhance student learning outcomes and program success	Theme D	Goal 2	Goal D
Pursue grant opportunities that will provide financial support for students in healthcare professions	Theme F	Goal 5	
Work with retention committee to develop and enhance departmental retention efforts	Theme K		
Expand undergraduate research activities through enhanced funding to departmental efforts			
Continue to develop relationships w/ governmental and non-governmental agencies to support departmental activities			

Goal 3: Participate meaningfully in the institutional wellness initiative (Campus with a Conscience)			
Objectives	FHSU Strategic Plan	AQIP/Perf. Agree. Goals	Regents' System Goals
Establish wellness coordinator position to formalize wellness initiative organizational structure	Theme D	Goal 4	Goal B
Continue to pursue grant opportunities that advance the campus wellness initiative	Theme H		Goal F
Work with area entities to continue development of Healthy Hays Coalition			
Provide infrastructure to develop appropriate wellness opportunities			
Work with wellness coordinator(s) to continue development of educational programs and activities			
Work w/ student health center to enhance educational and health screening opportunities			
Goal 4: Identify opportunities to participate in the internationalization of the campus (Internationalization)			
Objectives	FHSU Strategic Plan	AQIP/Perf. Agree. Goals	Regents' System Goals
Formalize college grant process to support internationalization efforts for faculty and students	Theme J	Goal 5	Goal D
Support faculty travel for international educational/scholarly activities			
Work w/ office for internationalization to increase the number of students pursuing study abroad opportunities			
Pursue opportunities for student study abroad experiences in CHLS programs			
Support program opportunities for international undergraduate and graduate students			

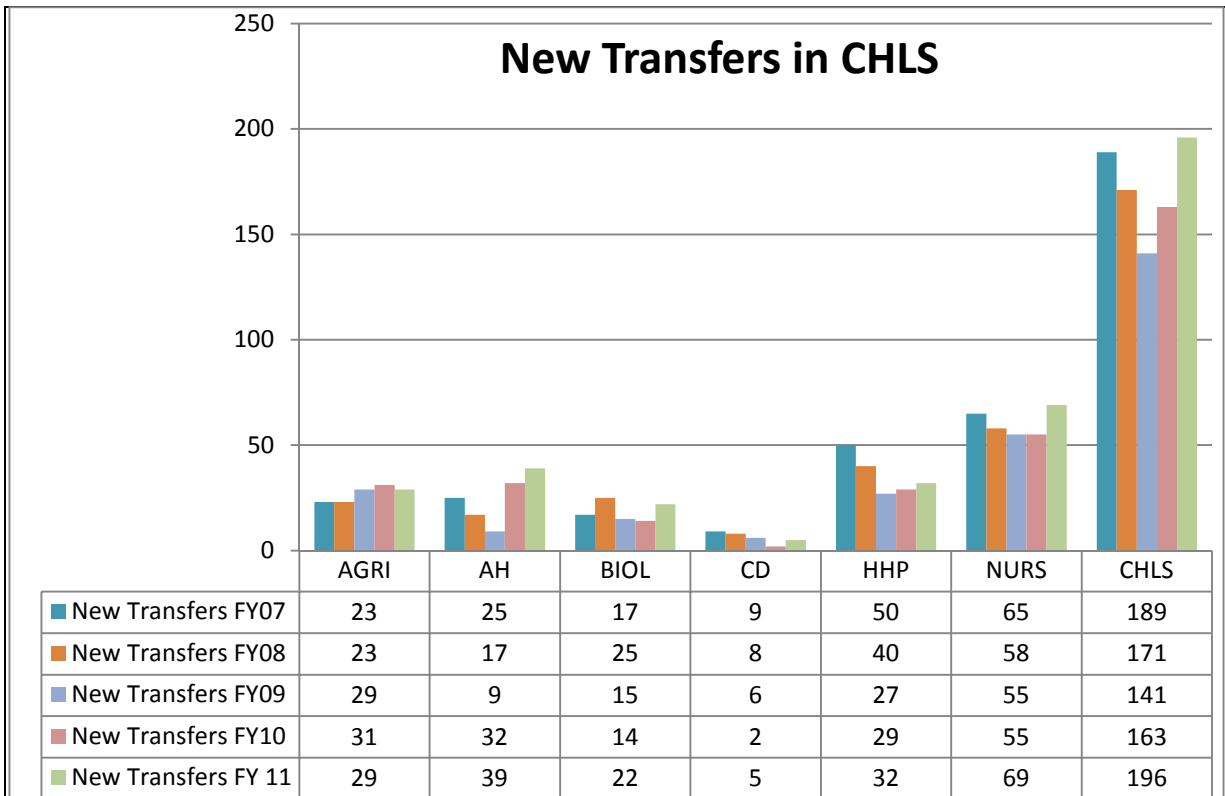
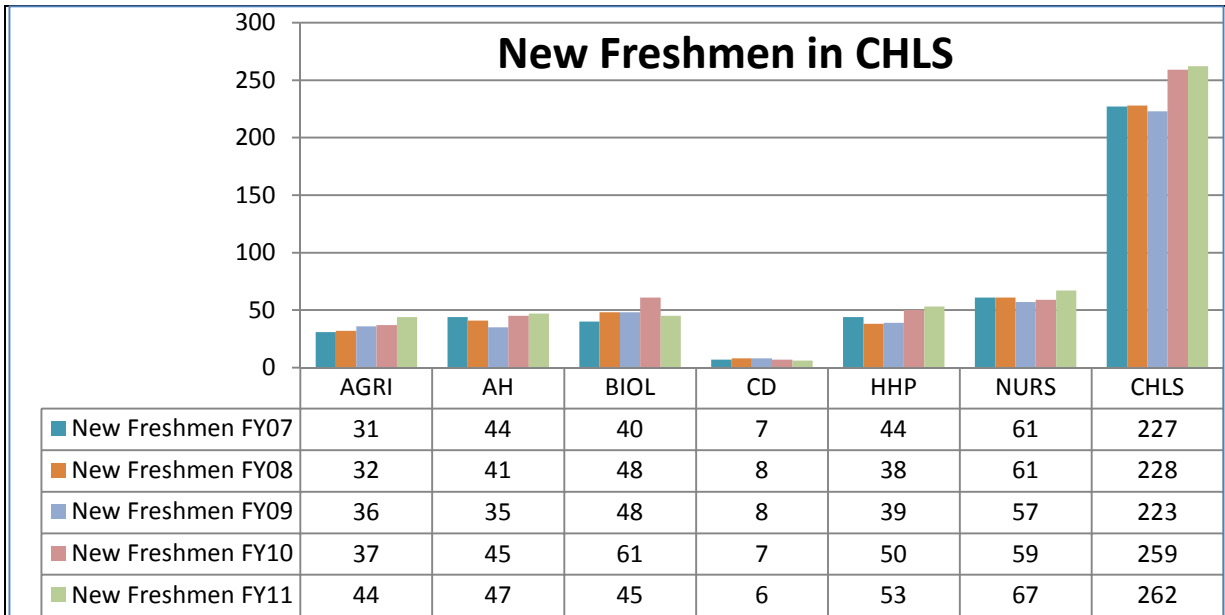
SUPPORTING MATERIALS

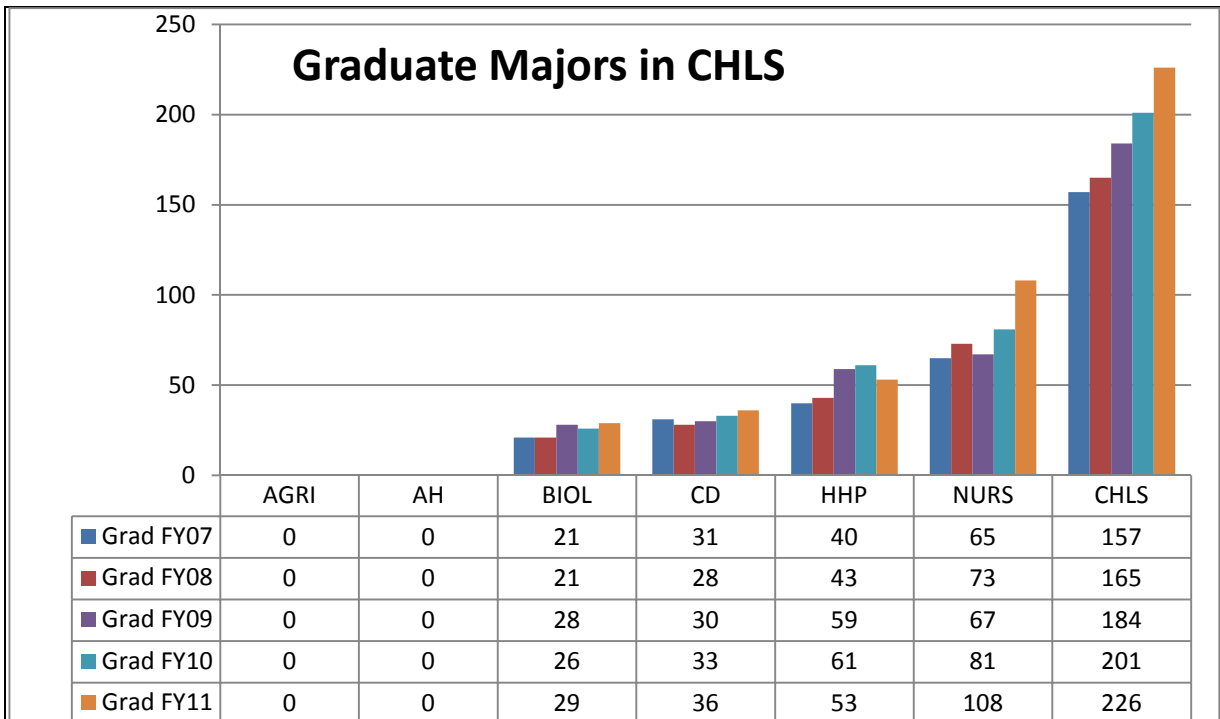
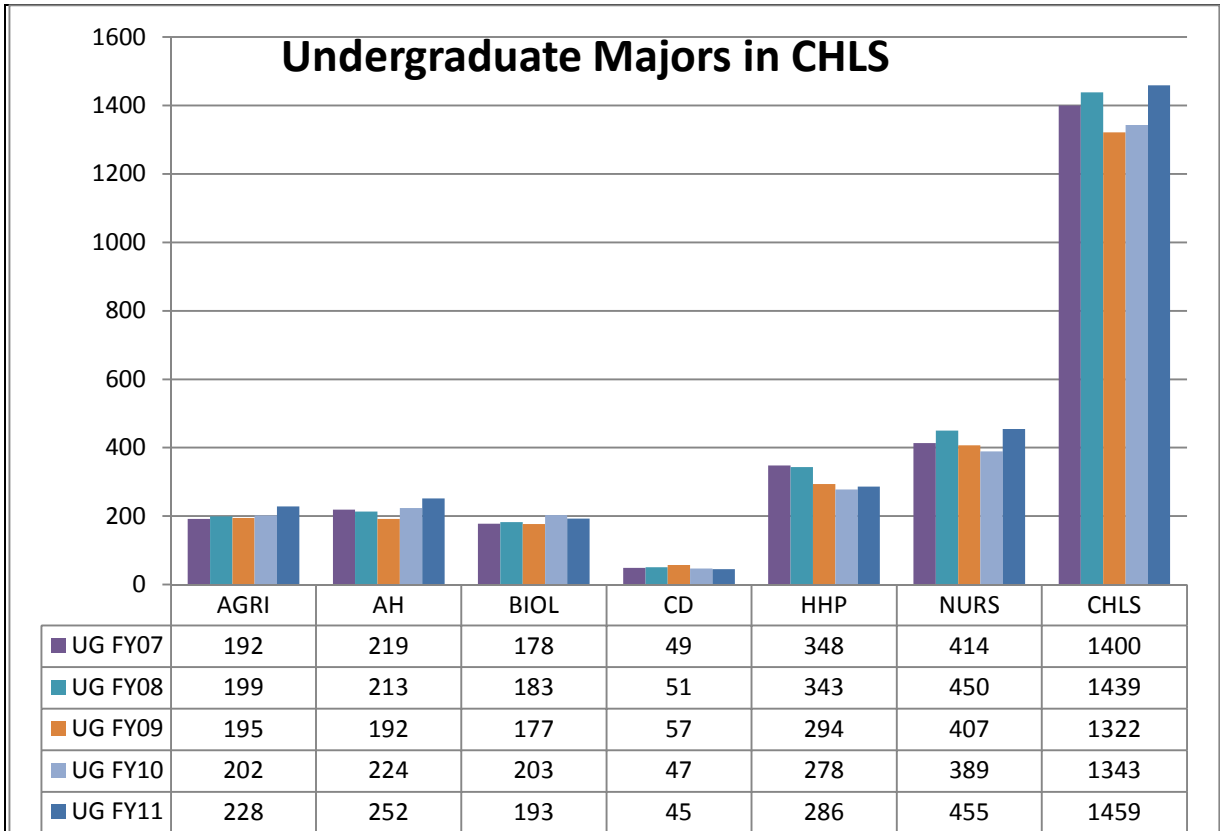
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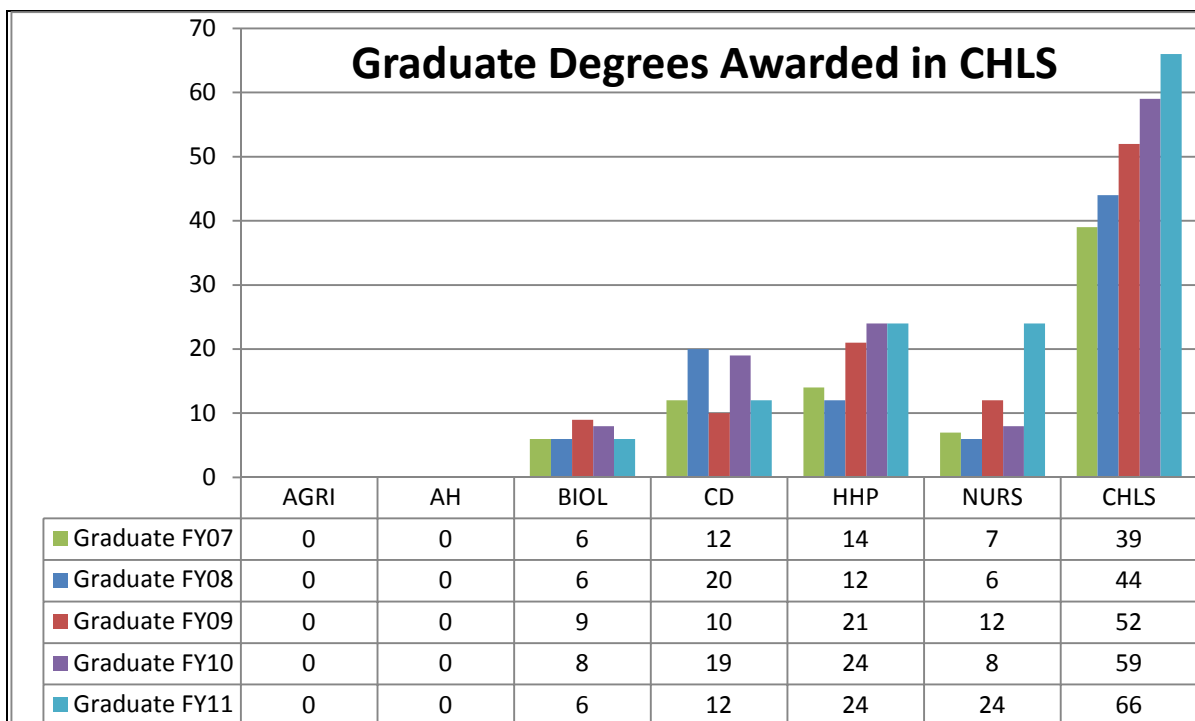
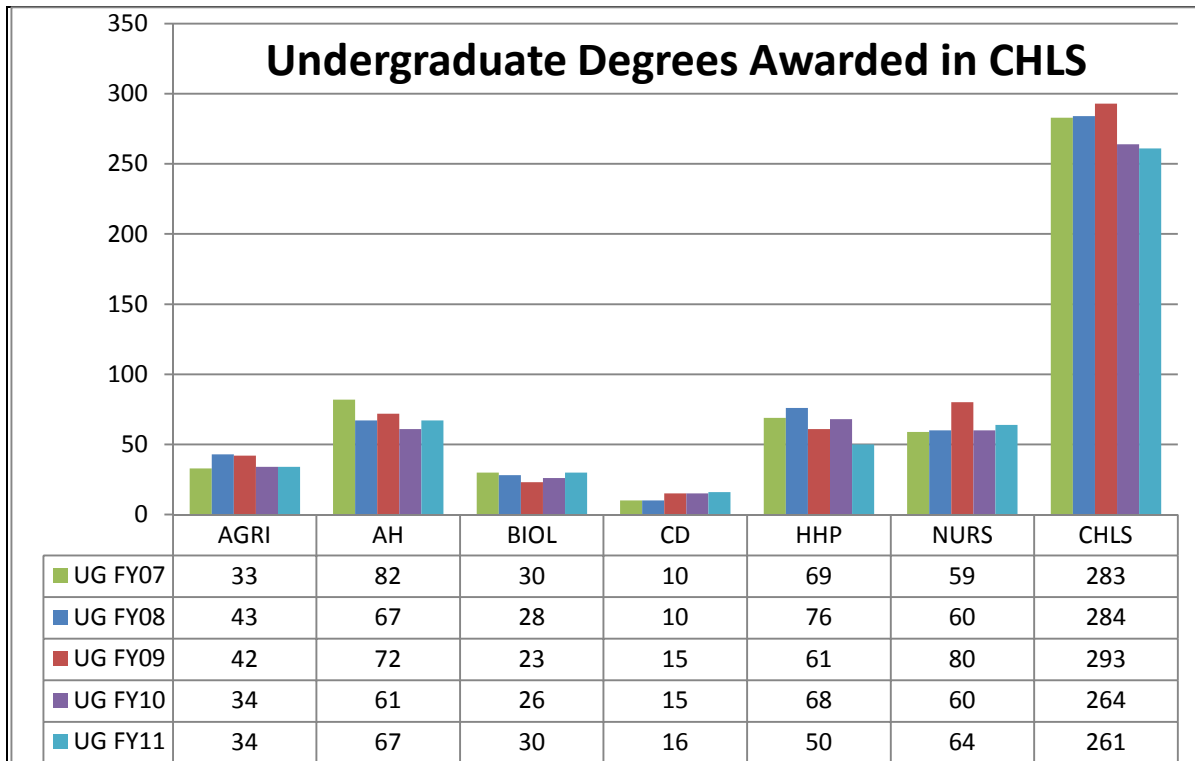
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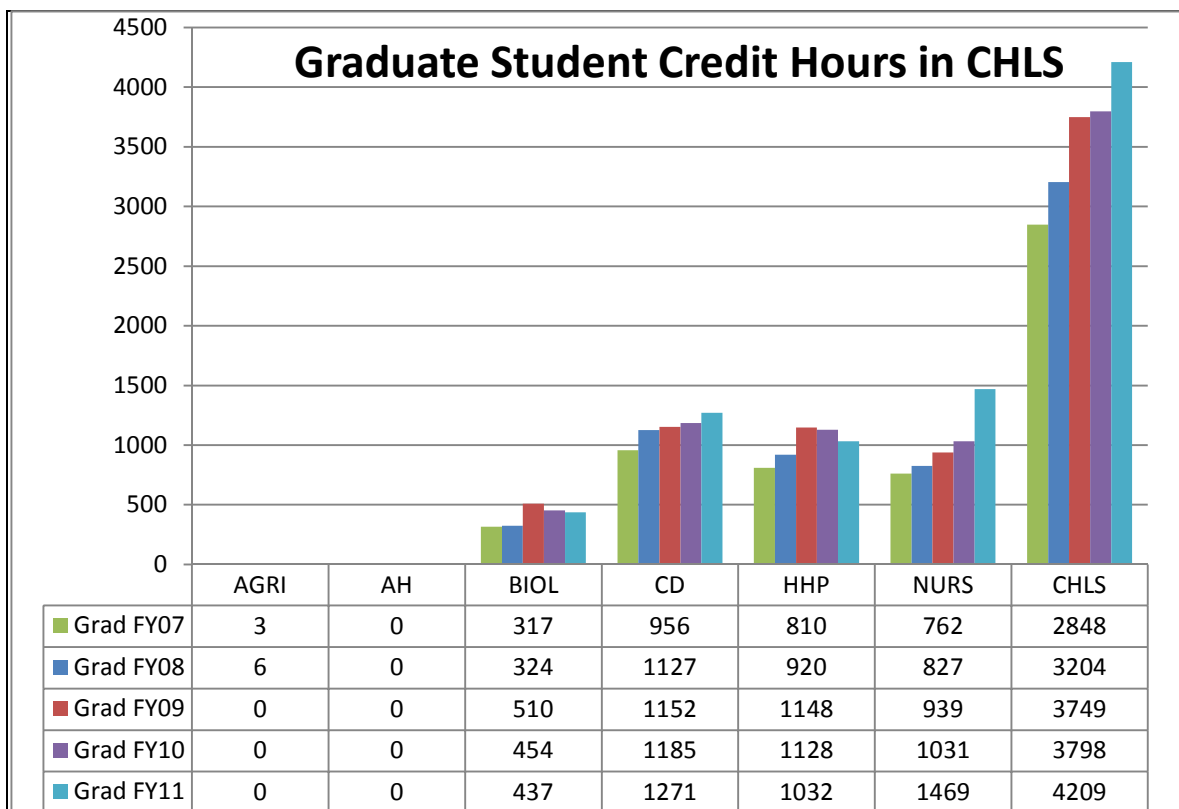
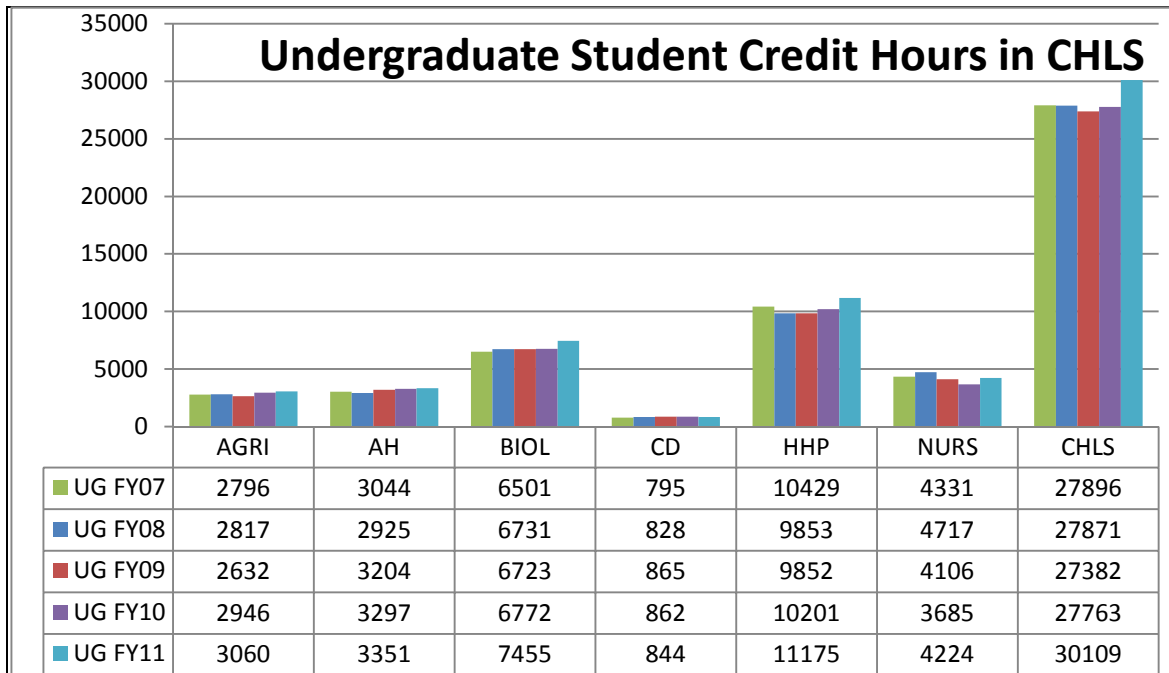
CHLS Bibliography of Scholarly Activity 20

CHLS Organizational Chart 28









CHLS Totals	FY 07	FY 08	FY 09	FY 10	FY 11	5 Year Average	% Change FY11/Average
New Freshmen	227	228	223	259	262	240	9.26
New Transfers	189	171	141	163	196	172	13.95
Undergrad Majors	1400	1439	1322	1343	1459	1393	4.77
Graduate Majors	157	165	184	201	226	187	21.11
Undergraduate SCH	27896	27871	27382	27763	30109	28204	6.75
Graduate SCH	2848	3204	3748	3798	4209	3561	18.18
Undergrad Degrees Awarded	283	284	293	264	261	277	-5.78
Graduate Degrees Awarded	39	44	52	59	66	52	26.92

College of Health and Life Sciences Performance Recognition Award Recipients**President's Distinguished Scholar**

Dr. Greg Farley, Biological Sciences

FHSU Pilot Award Recipient

Dr. Jeff Burnett, Health and Human Performance

Edmund Shearer Advisor of the Year

Dr. Jeff Burnett, Health and Human Performance

Outstanding Teaching, Research, and Service Recipients**Fall 2010**

Rich Packauskas, Research, Biological Sciences (University Recipient)

Spring 2011

Dr. Eric Gillock, Research, Biological Sciences (University Recipient)

Dr. Jeff Burnett, Teaching, HHP (University Recipient)

FY '11 CHLS/FAC Faculty/Student Performance Recognition Awards**Faculty Teaching Grant Award Recipient**

Dr. Jayne Brandel, Communication Disorders

Outstanding Service Award

Dr. Bill Stark, Biological Sciences

Outstanding Scholarship Award

Ms. Denise Orth, Allied Health

Outstanding Undergraduate Student Award

Ms. Jennifer Pfannenstiel, Biological Sciences

Outstanding Graduate Student Award

Ms. Ryan Zimmerman, Communication Disorders

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Riffel, K. (June, 2009). *Creating tomorrow's nurses: How can we practice what we preach?* AWHONN 2009 Convention. San Diego, CA.

Sander, T.: Kansas Society of Radiologic Technologists Forum: Image Evaluation of the Upper Extremities, September 2009.

Sander, T.: The Use of Technology in Clinical Outcomes Assessment, *Association of Educators in Imaging and Radiologic Science*, April 2010

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**College of Health and Life Sciences
Organizational Chart
2010/2011**

