PMID	TITLE	AUTHORS	JOURNAL/BOOK	PUBLICATION YEAR	SUMMARY	CATEGORY	ТҮРЕ
19116472	A Simple Model to Optimize ResourceAllocations When Expanding the FacultyResearch Base: A Case Study	Keith A. Joiner, MD, MPH	Acad Med	2009	Construction of new biomedical research/aclities has outpaced the fundingsources for faculty to occupy thosefacilities. This puts a premium on thereficient allocation of central resources for faculty recruitment. The authordeveloped a mathematical model todetermine the optimal structure (dollar-space) for allocating resource packagewhen recruiting new faculty, based onepected financial returns from thosefaculty. Surprisingly, to optimal strategious to allocate homegeneous recruiting new faculty, based onepected financial returns from thosefaculty. Surprisingly, to dollar-space to allocate homegeneous recruitment packages, independent of the recruited faculty news? and on the individual's expected revenuegeneration. Optimization results wereused to allocate recruitment packages to new department head and center directors the University of Arizona College dividual during the factor years (2005–2008). At any institution that use thismode, apportised distribution of facilities and administrative revenues at theinstitution is needed to equitably balancethe costs and benefits associated withfaculty expansion.	distribution of space salary expectations	data driven
	CHERI Survey of Start-Up Costs and Laboratory Allocation Rules	Cornell Higher Education Research Institute	Cornell Higher Education Research Institute	2002	During the late spring of 2002, the Cornell Higher Education Research Institute (CHER) conducted a survey on start-up costs and laboratory allocation unies at research and doctorate universities in the United States. CHERI has plane to sponsor a conference at Cornell in May 2003 on the implications of the growing importance of scientific research for universities.] This survey provided background information on two important aspects of universities' costs of scientific research, namely the attract accors that the institutions incur for new faculty at both the junc and heal both costs of space allocation rules that the institutions like of new faculty at both the junc and sension levels and he laboratory space allocation rules that the institutions like of new faculty at both the junc and sension levels and he laboratory applic cosider criticity and the promise of level gale to Takey Th their labs after reliement may be a powerful tool to encourage them to refire. Such promises, however, may also prove to be extremely costly for universities.	distribution of space distribution of institutional resources	data driven
2913798	Allocating research space in the university medical center: use of a mathematical formula	S 5 Solomon, S C Tom	Am J Med Sci.	1989	Allocation of research space often is one of the most emotional and contentious issues facing a university medical center. With decreasing dollars valiable for building new research laboratories in medical schools, the assignment of laboratory space to basic science and clinical departments present a difficult problem for deam, chairmen, and faculty, in this article, the authors outline a formal in which net square feet of traditional research space (i.e., we bench laboratories) may be allocated on the basic of research oblars, courbe of manacristic and advantes. averaged orary spaces for number of personnel who will use the space. Caution is sugged for arbitrarily applying a space formalia when it does not apply, ie, nortraditional research, and when isnufficient condeteration has being of the arbitrarily applying a space formalia when its does not apply, ie, nortraditional research, and when isnufficient condeteration has being of the formula science. The formal is not useful when applied within a specific institution and primarily for comparative purposes. Nonetheless, once the formula is established, it provides an objective mechanism by which the need for space and the relative ments of space assignments within a department or among departments can be more effectively determined and managed.	distribution of space	data driven
9192591	Assessing facility and space resources in an academic health science center: a process that works	R P Maurer Jr, D M Shaw	Best Pract Benchmarking Healthc.	1995	Background: The authons served as external consultants to an academic health science center in the eastern United States to identify current and future background: The authons served as external consultants to an academic health science center in the eastern United States to identify, prioritize, and plan future facility and space improvement projects. Methods: The authons used several methods to quantify and profile current space needs and future space requirements, including data and plan review, any easternable and and and the states of the science of the science of the science as well as the proprietary planning database and guidelines to formulate findings and develop practical recommendations. Results: The engingement substituted faculty's concerns and perceptions that additional space was necessary for many existing program, especially the material is including database and by department on program, frequently differed from faculty's percived needs as well as those of the university administration. Conclusions: Sevene data important conclusions dealt with the client's need to develop and formalize the space planning and management process. Appropriate guidelines for space planning purposes for this academic health science center also were identified as were the "next steps" to build on this successful study.	distribution of space	data driven
18316864	A comprehensive space management model for facilitating programmatic research	Ann Libecap, Steven Wormsley, Anne Cress, Mary Matthews, Angle Souza, Keith A Joiner	Acad Med.	2008	In PDA, the authors developed and implemented models to manage existing and incremental research space, and to facilitate programmatic research, at the Linkership of Arizona College of Medicine. Benchmarks were set for recovery of total opnomore freezench dollars and for facilities and administrative (FA) dollar, were gates foot (and) dogates, based on college-weat merics. Benchmarks were applied to units (lingerunnet, cincertains), rather than to individual faculty. Performance relative to the benchmark was assested using three-year moving averages, and applied to existing blocks of paces. Space was recapture of an indicated, in all cases to programmatic theme, using ultimor policities. RAr evenues, were returned on the basics of performance relative to a benchmark. During the first two years after implementation of the model (PIOS and POD), and for the 24 wartis occupying research space, median total upposed research research (marces) 50 to 5474.64 (2014), and median FAA evenue/sef increased for 5573.25 to 524.45 (2014), and median FAA evenue/sef increased for 5573.25 to 5574.45 (2014), and median FAA evenue/sef increased for 5573.25 to 5574.45 (2014), and median FAA evenue/sef increased for 5573.25 to 5574.45 (2014), and median FAA evenue/sef increased for 5573.25 to 5574.45 (2014), and median FAA evenue/sef increased for 5573.25 to 5574.45 (2014), and median FAA evenue/sef increased for 5573.25 to 5574.45 (2014), and median FAA evenue/sef increased for 5573.25 to 5574.45 (2014), and median FAA evenue/sef increased for 5733.25 to 5574.45 (2014), and median FAA evenue/sef increased for 5573.25 to 5574.25 (2014), and median FAA evenue/sef increased for 5573.25 to 5574.25 (2014), and median FAA evenue/sef increased for 5573.25 to 5574.25 (2014), and median FAA evenue/sef increased for 5573.25 to 5574.25 (2014), and median FAA evenue/sef increased for 5573.25 to 5574.25 (2014), and median FAA evenue/sef increased for 5573.25 to 5574.25 (2014), and median FAA evenue/sef increased for 5573.25 to 5574.25 (20	distribution of space	data driven/program evaluation
18728439	Supporting the academic mission in an era of constrained resources: approaches at the University of Arizona College of Medicine	Kolth A Joiner, Ann Libecap, Anne E Cress, Steve Wormdey, Patricia St Germain, Robert Berg, Philip Malan	Acad Med.	2008	The authors describe initiatives at the University of Arizona College of Medicine to markedly expand faculty, build reserved along programmatic lines, and promote a new, highly integrated medical school curriculum. Accomplishing these goals in this era of destining resources is challenging. The authors describe their approaches and outcomes to date, derived from a solid theoretical framework in the management literature, to (1) support research faculty recuritment, and production and theory to optimize incentive plan design, (1) distribute resources to support programmatic growth, and growth through incentive plants, by using utility theory to optimize incentive plant design, (3) distribute resources to support programmatic growth, and allocating research space and recuritions of landsmite principles, including mathematical modeling, and explore the support programmatic growth, and allocating research and and the data shares and the principles, including mathematical modeling, in one karptecipient based on the data collected. Although each of the initiatives was developed separately, they are linked functionally and frame and intentional space and exclusion, research, and discuss as advected separately, they are linked functionally and frame and intentional and exclusion, research, and discuss as developed separately, they are linked functionally and frame and intentional and in education, and exclusion, to asside exclusioning around the accounting in a shipothesis driven the basis, and education and research and the data data faulty to achieve those goals, and to create a clarr line of sight between sepectations and researds. The shift end of data faulty to achieve those goals, and to create a clarr line of sight between sepectations and results.	distribution of space search committee composition, implicit bais raining, policies distribution of institutional resources	program evaluation