

University of Navarra
Academic Report
2008-09 Academic Year



Universidad
de Navarra

TABLE OF CONTENTS

GENERAL DATA	2
UNIVERSITY DEVELOPMENT	18
UNIVERSITY OF NAVARRA HOSPITAL	23
RESEARCH	24
UNIVERSITY COOPERATION	28

The following is a summary of the annual Academic Report of the University of Navarra for the 2008-09 academic year.

The full text is available from: www.unav.es/servicio/informacion/memoria

The same page provides links to the following publications:

Reports of cultural, service and sports activities

Research Report

Economic Information

GENERAL DATA

During the 2008-09 academic year, the University of Navarra had

900	professors
1,117	administrative and service employees
499	physicians at the University Hospital
768	nurses
1,032	other professionals at the University Hospital
8,850	undergraduate students
1,118	doctoral students
1,230	master's students
1,999	students in specialization and other programs
1,879	students of the Modern Language Institute

Teaching Faculty

The following table shows the distribution of teaching faculty by category and center.

Teaching Faculty 2008-09																		
	Architecture Sciences	Communication Law	Canon Law	Eccles. School of Philosophy	Economics	Nursing	Pharmacy	Humanities and Social Sciences	Anthropology and Ethics	Modern Languages	IESE	Engineering Secretarial Studies	Medicine	Theology	TOTAL			
Full or Chair Profs.	5	10	6	11	10	2	10	23			48	7	24	8	164			
Associate and Titular Profs.	7	28	14	8	1	2	10	12	35	1	18	17	67	10	230			
Assistant Profs.	11	5	13	2	2	2	7	1	6	16	32	10	32	19	158			
Senior Lecturers.		11	4	4		4	8	21			14		52		118			
Lecturers.	2	12	3			1	2	16			2		4		42			
Full or Chair Profs. (EU?)																		
Associate and Titular Profs. (EU)							6						1		7			
Assistant Profs. (EU)	5						2								7			
Adjuncts							9	5							14			
Assistant Lecturers	9	2	1	1		2		2				3			20			
Graduate Assistants.			2		2		3					10		2	19			
Language Assistants								2	20						22			
Lecturers (non Ph.D.)	11	1	4	5	1	9		1			8	7	4		51			
Auxiliary Profs.	8	3	2			1	4					1	3		22			
Others			2							4		20			26			
TOTAL	58	60	60	34	16	4	36	25	43	116	1	24	106	71	20	187	39	900

In addition, 891 persons, the majority with the position of Adjunct Professor, aided in teaching and research.

In the previous academic year, 24 professors obtained national accreditation as Chair Professor [*Catedráticos*], and 55 received accreditation as Titular Professor.

Administration and Service Personnel

Without including the University Hospital, on the Pamplona campus there were 692 persons employed in management, administration and service positions. On the San Sebastián campus, 101; and on the Barcelona and Madrid campuses, 324.

Administration and Service Personnel 2008-09				
		Pamplona	San Sebastián	Barcelona y Madrid
Executive and Managerial	305	187	20	98
Computer Services	70	31	8	31
Administrative Personnel	360	151	21	188
Libraries and Archives	55	52	3	
Research	96	76	15	5
Maintenance and Grounds	29	24	5	
Janitorial Services	112	88	24	
Security	72	68	4	
Others	18	15	1	2
	<u>1,117</u>	<u>692</u>	<u>101</u>	<u>324</u>

Registrations for undergraduate and doctoral studies

Undergraduates, 2008-09

PAMPLONA	7,557	ARCHITECTURE	838
LAW	477	THEOLOGY	
MEDICINE	1,191	Bachelor's degree	155
HUMANITIES AND SOCIAL SCIENCES		Licentiate degree	63
Philosophy	29	Religious Sciences	109
Philosophy + Journalism	38	ECONOMICS AND BUSINESS ADMINISTRATION	
Philosophy + Advertising and Public Relations	5	Business Administration and Management	500
History	64	Business Administration + Law	257
History + Journalism	26	Economics	106
Hispanic Philology	35	Economics + Law	77
Hispanic Philology + Audiovisual Comm.	25	PHILOSOPHY (Eccles. School)	77
Education	81	NURSING	371
Education + Educational Psychology	14	TECHNICAL ARCHITECTURE	500
Educational Psychology	27		
Humanities	89		
B.A. in Liberal Arts	58	SAN SEBASTIÁN	1,293
COMMUNICATION		ENGINEERING	
Journalism	340	Industrial Engineering	897
Audiovisual Communication	271	Industrial Automation and Electronics	26
Advertising and Public Relations	340	Materials Engineering	6
CANON LAW	23	Industrial Organization Engineering	33
SCIENCES		Telecommunications Engineering	177
Biology	453	Secretarial Studies	
Chemistry	94	Management Assistant	154
Biochemistry	49		
Pharmacy	391		
Human Nutrition and Dietetics	103		
Pharmacy + Human Nutrition and Dietetics	281	TOTAL	8,850

Doctoral Studies 2008-09

PAMPLONA	955
LAW	50
MEDICINE	172
HUMANITIES AND SOCIAL SCIENCES	
Philosophy	66
History	42
Philology	37
Education	37
Humanities	5
COMMUNICATION	72
SCIENCES	21
Biology	117
Chemistry	29
Biochemistry	57
CANON LAW	11
Pharmacy	97
ARCHITECTURE	57
THEOLOGY	34
ECONOMICS AND BUSINESS ADMINISTRATION	10
PHILOSOPHY (Eccles. School)	7
BUSINESS AND HUMANISM INSTITUTE	34
SAN SEBASTIÁN	160
ENGINEERING	160
BARCELONA	3
IESE	3
TOTAL	1,118

GEOGRAPHIC ORIGIN OF THE STUDENT BODY 2008-09					
<i>Undergraduate</i>			<i>Doctorate</i>		
Spain	8,138	92%	Spain	786	70.3%
Navarra	2,779	31.4	Navarra	276	24.7
Basque Country	2,192	24.8	Basque Country	195	17.4
Aragón	479	5.4	Madrid	45	4.0
Andalucía	453	5.1	Castilla-León	43	3.8
Castilla-León	430	4.9	Cataluña	43	3.8
La Rioja	329	3.7	Andalucía	42	3.8
Galicia	297	3.4	Aragón	29	2.6
Cataluña	253	2.9	La Rioja	29	2.6
Madrid	237	2.7	Galicia	19	1.7
Valencia	172	1.9	Valencia	18	1.6
Asturias	132	1.5	Asturias	12	1.1
Cantabria	119	1.3	Castilla-La Mancha	9	0.8
Canarias	78	0.9	Extremadura	9	0.8
Baleares	73	0.8	Canarias	7	0.6
Castilla-La Mancha	46	0.5	Cantabria	4	0.4
Murcia	45	0.5	Baleares	3	0.3
Extremadura	22	0.2	Ceuta and Melilla	2	0.2
Ceuta and Melilla	2	0	Murcia	1	0.1
Other Countries	712	8%	Other Countries	332	29.7%
Latin America	454	5.1	Latin America	252	22.5
Europe	135	1.5	Europe	38	3.4
Asia	67	0.8	Asia	25	2.2
North America	39	0.4	Africa	10	0.9
Africa	17	0.2	North America	6	0.5
Oceania	0	0	Oceania	1	0.1

Enrolled in Master's programs

MASTER'S 2008-09	
PAMPLONA	339
LAW	
Master in Business Law	20
Master in Tax Consultancy	12
Ibero-American Master in Legal Studies	8
MEDICINE AND UNIVERSITY HOSPITAL	
Master in Bioethics	13
Master in Neuroscience and Cognition	6
HUMANITIES AND SOCIAL SCIENCES	
Master in Language Teaching	6
Master in Special Education and Psychology	13
M.A. in Liberal Arts	19
COMMUNICATION	
Master in Media Management and Media Economy	18
Master in Political and Corporate Communication	20
SCIENCES	
Master in Molecular and Cellular Biology	10
Pharmacy	
Master in Drug Research and Design	22
European Master in Nutrition and Metabolism	17
Master in Geriatric Pharmaceutical Health Care	4
Master in Pharmaceutical Technology and Biopharmacy	5
ARCHITECTURE	
Master in Architectural Design	23
ECONOMICS AND BUSINESS ADMINISTRATION	
Master in Economics and Finance	5
Master in Business Process Management	10
NURSING	
Master in Nursing	21
FAMILY STUDIES INSTITUTE	
Master's in Marriage and Family	58
BUSINESS AND HUMANISM INSTITUTE	
Master in Organizational Governance and Culture	29
SAN SEBASTIÁN	8
ENGINEERING	
Master in Biomedical Engineering	8
BARCELONA AND MADRID	883
IESE	
Master in Business Administration (MBA)	426
University Executive Master in Business Administration (EMBA)	370
University Global Executive Master in Business Administration (GEMBA)	64
Master in Management Sciences	23
TOTAL	1,230

GEOGRAPHICAL ORIGIN 2008-09		
<i>Master's Programs</i>		
Spain	632	51.4%
Madrid	166	13.5
Cataluña	162	13.2
Navarra	57	4.6
Basque Country	49	4
Andalucía	43	3.5
Castilla-León	32	2.6
Aragón	24	2
Valencia	24	2
Galicia	19	1.5
Asturias	12	1
Canarias	8	0.7
Castilla-La Mancha	8	0.7
Baleares	7	0.6
Extremadura	7	0.6
Cantabria	5	0.4
La Rioja	5	0.4
Murcia	4	0.3
Ceuta and Melilla	0	0
Other Countries	598	48.6%
Latin America	212	17.2
Europe	187	15.2
Asia	92	7.5
North America	84	6.8
Africa	18	1.5
Oceania	5	0.4

Enrolled in specialization and other programs

Specialization and other programs, 2008-09

PAMPLONA	898
LAW	
Professional School of Legal Practice	12
MEDICINE AND UNIVERSITY HOSPITAL	
Residence Program in Medical Specialties	165
HUMANITIES AND SOCIAL SCIENCES	
Pedagogical Aptitude Courses	510
Specialization Diplomas	29
Bridge Year Program	10
Courses at the Institute for Spanish Language and Culture	41
Pharmacy	
Advanced Course in Nutrition and Health	26
Specialization in Geriatric Pharmaceutical Health Care	6
Specialization in Pharmacotherapy for the Elderly Person	7
ARCHITECTURE	
Specialization Diplomas	55
NURSING	
Specialization Courses in Nursing	37
SAN SEBASTIÁN	6
Secretarial Studies	
Development of Skills as Assistant in International Environments	6
BARCELONA AND MADRID	1,095
IESE	
Executive Continuing Education Programs	1,095
	TOTAL
	1,999
MODERN LANGUAGE INSTITUTE (PAMPLONA)	1,879
German	212
Chinese	38
Basque	9
French	255
English	1247
Italian	67
Russian	51

GEOGRAPHIC ORIGIN OF ENROLLED STUDENTS IN SPECIALIZATION AND OTHER PROGRAMS, 2008-09		
Spain	1,827	91.4%
Navarra	474	23.7
Cataluña	414	20.7
Madrid	304	15.2
Basque Country	174	8.7
Andalucía	85	4.3
Valencia	68	3.4
Castilla-León	64	3.2
Aragón	63	3.2
La Rioja	42	2.1
Galicia	41	2.1
Castilla-La Mancha	23	1.2
Asturias	20	1
Cantabria	17	0.9
Murcia	11	0.6
Extremadura	10	0.5
Canarias	8	0.4
Baleares	7	0.4
Ceuta and Melilla	2	0.1
Other Countries	172	8.6
Latin America	78	3.9
Europe	46	2.3
Asia	23	1.2
North America	20	1
Africa	5	0.3
Oceania	0	0

Financial aid for undergraduates

In the chapter entitled RESEARCH the financial aid for graduate students is listed (p. 24).

The Student Aid Office obtained, by working with various agencies and entities, the concession of the following scholarships and grants.

Via its early-access, general and mobility scholarship programs, the Ministry of Education provided 626 scholarships for a total of 2,036,023 euros. The Government of Navarra provided 538 scholarships to Navarran students, for a total amount of 1,987,965 euros. The Basque Government provided aid to 180 students in the amount of 590,340 euros.

The Ministry provided 15 collaboration scholarships, for a total of 40,500 euros; the Basque Government provided another 8 collaboration scholarships, for a total of 24,016 euros.

The scholarship program of the University of Navarra provided 76 scholarships to students who were unable to obtain any other kind of aid, for a total of 221,686 euros.

The Alumni Association, via its program "Alumni Navarrenses Scholarships", subsidized 162 scholarships for a total of 804,677 euros.

A total of 771 students benefitted from scholarships for collaboration in departments and services of the University of Navarra, which totaled 468,680 euros. During this academic year, both these scholarships as well as job offers for students, for a total of 460, were publicized via the online Student Job Board.

SCHOLARSHIPS AND AID FOR UNDERGRADUATE STUDENTS, 2008-09						
	<i>Ministry of Ed. & Science</i>	<i>Government of Navarra</i>	<i>Basque Government</i>	<i>University of Navarra</i>	<i>Alumni Association</i>	<i>Others</i>
Architecture	47	44	10	7	7	2
Technical Architecture	40	48	8			
Sciences	84	92	9	5	9	3
Communication	110	86	22	13	25	5
Economics and Business Administration	25	15	2	6	26	2
Law	48	19	12	13	15	4
Nursing	57	45	16	3	1	
Ecclesiastical Schools	4					190
Pharmacy	40	40	8	3	6	1
Humanities and Social Sciences	57	61	6	8	25	2
Engineering	24		74		21	4
Medicine	90	88	13	18	26	
Secretarial Studies					1	

The University, drawing on its own resources, provided tuition discounts and exemptions for various reasons, such as for members of official large families, exceptional grades, etc., for a total value of 9,093,484 euros.

In regards to the socioeconomic origins of the student body, 12.4% are from high-income families, 55% from middle-income families, and 32.5% are from low-income families.

**DISTRIBUTION OF STUDENTS BY THE PROFESSION OF THE HEAD OF FAMILY
2008-09**

Undergraduate studies

Level	Total	
	641	Owners of industrial or commercial companies with ten or more employees
	321	General directors of large firms and high-level executives
	133	High-level managers or special branch administrators of public administrations
I	1,095	12.4%
	193	Agribusiness owners (or similar)
	665	Business owners with fewer than 10 employees, or none
	507	Heads of administrative and commercial departments
	1,192	Professionals with university-level titles
	467	Professionals with mid-level titles
	863	Functionaries with high or mid-level titles
	983	Liberal professions
II	4,870	55%
	1,034	Contracted agricultural workers, administrative or commercial personnel, functionaries without titles
	692	Foremen, licensed workers, service workers
	536	Non-specialist workers, independent workers, functionaries without titles
	369	Retired or disability recipients
	70	Unemployed
	173	Other situations
III	2,874	32.5
S.C.	11	0.1
	8,850	TOTAL

Graduates

During the 2007-08 academic year 1,647 students finished their studies.

GRADUATES 2007-08	
PAMPLONA	1,363
LAW	70
MEDICINE	150
HUMANITIES AND SOCIAL SCIENCES	
Philosophy	6
Philosophy + Journalism	5
History	10
Hispanic Philology	3
Hispanic Philology + Audiovisual Communication	3
Education	11
Educational Psychology	14
Humanities	15
B.A. in Liberal Arts	9
COMMUNICATION	
Journalism	64
Audiovisual Communication	69
Advertising and Public Relations	71
CANON LAW	9
SCIENCES	
Biology	89
Chemistry	30
Biochemistry	53
Pharmacy	80
Human Nutrition and Dietetics	39
Pharmacy + Nutrition	8
ARCHITECTURE	111
THEOLOGY	
Bachelor's degree	30
Licentiate degree	30
Licentiate in Religious Sciences	2
Diplomature in Religious Sciences	18
ECONOMICS AND BUSINESS ADMINISTRATION	
Business Administration and Management	71
Business Administration + Law	21
Economics	21
Economics + Law	12
PHILOSOPHY (Eccles. School)	5
NURSING	126
TECHNICAL ARCHITECTURE	108
SAN SEBASTIÁN	284
ENGINEERING	
Industrial Engineering	138
Industrial Automation and Electronics	10
Materials Engineering	5
Industrial Organization Engineering	20
Telecommunications Engineering	52
Secretarial Studies	
Management Assistant	59
TOTAL	1,647

Thanks to the work of the Office of Career Services and the collaboration of the University of Navarra Business Foundation, the University received 2,407 job offers, and 3,393 students were able to perform internships in businesses or other institutions. 280 graduates took advantage of the Program for Initiation to the Business World (PIE), of whom approximately 80% were offered a contract upon termination of the Program. The University of Navarra Business Foundation and the Office of Career Services processed 5,870 requests for information from students, graduates and professors.

During the Job Fairs and Forums held on the Pamplona and San Sebastián campuses, 3,000 students and graduates participated alongside more than 130 businesses offering informational sessions.

Doctorate

Up to the present, 11 doctoral programs have received the National Quality Award, awarded by the National Agency for Quality Evaluation and Accreditation (ANECA):

- Biopharmacy, Pharmacology and Drug Quality
- Cellular and Molecular Biology
- Philosophy
- Industrial Engineering
- Neurosciences
- Communication
- Business Administration and Management
- Drug Design, Synthesis and Biological Evaluation
- Hispanic Literature and Literary Theory
- History
- Physiology and Nutrition

DOCTORAL DISSERTATIONS 2007-08

Architecture.....	1
Sciences.....	28
Communication	5
Economics and Business Administration and IESE.....	12
Law	4
Canon Law	4
Pharmacy	8
Ecclesiastical School of Philosophy	3
Humanities and Social Sciences	23
Engineering	14
Medicine	13
Theology	14

TOTAL.....	129

Master's Programs

647 Master's diplomas were awarded

Master's diplomas 2007-08	
Pamplona	287
LAW	
Master in Business Law	15
Master in Tax Consultancy	15
Ibero-American Master in Legal Studies	6
MEDICINE AND UNIVERSITY HOSPITAL	
Master in Bioethics	12
HUMANITIES AND SOCIAL SCIENCES	
Master in Language Teaching	10
Master in Special Education and Psychology	12
M.A. in Liberal Arts	11
COMMUNICATION	
Master in Media Management and Media Economy	18
Master in Political and Corporate Communication	16
SCIENCES	
Master in Molecular and Cellular Biology	10
Pharmacy	
Master in Drug Research and Design	18
European Master in Nutrition and Metabolism	12
Master in Geriatric Pharmaceutical Health Care	11
Master in Pharmaceutical Technology and Biopharmacy	2
ARCHITECTURE	
Master in Architectural Design	19
ECONOMICS AND BUSINESS ADMINISTRATION	
Master in Economics and Finance	8
Master in Business Process Management	5
FAMILY STUDIES INSTITUTE	
Master in Marriage and Family	66
BUSINESS AND HUMANISM INSTITUTE	
Master in Organizational Governance and Culture	21
BARCELONA AND MADRID	360
IESE	
Master in Business Administration (MBA)	206
University Executive Master in Business Administration (EMBA)	115
University Global Executive Master in Business Administration (GEMBA)	39
TOTAL	647

UNIVERSITY DEVELOPMENT

The Executive Board approved a new academic calendar for 2009-10. The first semester runs from September 1st to December 2nd, and the second runs from January 11th to May 6th. The normal exam periods are from December 4th to 19th, and from May 7th to 22nd, and the special exam period is from June 15th to 30th.

New curricula

As a result of adapting the University's curricula to the European Higher Education Area, during the prior academic year the new Undergraduate Program in Medicine was begun and during the 2009-10 academic year 31 more undergraduate programs will be initiated, having been verified by the Council of Universities. They are the following

Arts and Humanities Branch

- History
- Philosophy
- Hispanic Philology
- Humanities

Sciences Branch

- Biology
- Chemistry
- Biochemistry

Health Sciences Branch

- Pharmacy
- Nursing
- Medicine
- Human Nutrition and Dietetics

Architecture and Engineering Branch

- Architecture
- Construction Engineering
- Industrial Technologies Engineering
- Mechanical Engineering
- Electrical Engineering
- Industrial Electronics Engineering
- Industrial Organization Engineering
- Industrial Design and Product Development Engineering
- Biomedical Engineering
- Telecommunications Systems Engineering
- Communications Electronics Engineering

Social and Legal Sciences Branch

- Economics

Business Administration and Management
Education
Early Childhood Education
Primary Education
Law
Management Assistant
Journalism
Audiovisual Communication
Advertising and Public Relations

In addition, the University has received the positive verification of the Council of Universities for the Master's and Doctorate programs indicated below:

a) Master's:

University Executive Master in Business Administration (EMBA)
University Global Executive Master in Business Administration (GEMBA)
Master in Tax Consultancy
Master in Geriatric Pharmaceutical Health Care
Master in Biodiversity, Landscape and Sustainable Management
Master in Bioethics
Master in Management Sciences
Master in Nursing
Master in Political and Corporate Communication
Master in Business Law
Master in Globalization Law and Social Integration
Master in Business Administration (MBA)
Master in Business Process Management
Master in Architectural Design
Master in Pharmaceutical Technology and Biopharmacy
Master in Economics and Finance
Master in Spanish and English as New and Foreign Languages
Master in Media Management and Media Economy
Master in Organizational Governance and Culture
Master in Biomedical Engineering
Master in Special Education and Psychology
Master in Biomedical Research
Master in Primary Care
Master in Drug Research and Design
Master in Marriage and Family
Master in Neuroscience and Cognition
Master in Nutrition and Metabolism
Master in Secondary and Bachillerato Education

Doctoral Programs:

Doctoral Program in Cellular and Molecular Biology
Doctoral Program in Biology and Environment

Doctoral Program in Neuroscience and Cognition
 Doctoral Program in Applied Medical Research (DIMA)
 Doctoral Program in Drugs and Health
 Doctoral Program in Globalization Law and Social Integration
 Doctoral Program in Nutrition, Physiology and Health
 Doctoral Program in Complex Systems
 Doctoral Program in Education
 Doctoral Program in Classical Philology
 Doctoral Program in Philosophy
 Doctoral Program in Geography
 Doctoral Program in History
 Doctoral Program in Art History
 Doctoral Program in Hispanic Linguistics
 Doctoral Program in Hispanic Literature and Literary Theory
 Doctoral Program in Communication
 Doctoral Program in Economics
 Doctoral Program in History and Critical Analysis of 20th Century Spanish
 Architecture
 Doctoral Program in Biomedical Engineering
 Doctoral Program in Applied Engineering
 Doctoral Program in Organizational Governance and Culture
 Doctoral Program in Management Sciences

Libraries

At the end of 2008, the library collections of the University held a total of 1,104,879 books, 19,983 print journals and 32,916 electronic journals.

TOTAL OF VOLUMES AS OF DECEMBER 31, 2008	
Libraries on the Pamplona Campus	1,003,977
IESE	51,721
Engineering School.....	45,094
Institute of Secretarial and Administrative Studies	4,087
	—————
	1,104,879

The web page of the Library Service (<http://www.unav.es/biblioteca/>) offers information on its collections, facilities and other services.

In February of 2009, the IESE Library launched its new blog: BizKnowledge Watch (<http://www.iese.edu/bizknowledgewatch>), with the objective of keeping the IESE community up to date with the most relevant information published recently in the area of economics and business.

In addition, the Center for European Documentation (CDE) has the following databases available: European Identity, which brings together 2,000 records on publications relating to the idea of Europe which have affected the development of European identity. Cultural Politics, with 1,100 documents relating to culture originating within the European Community's institutions and agencies; and European Documentation of Navarra (DENA), which provides access to more than 12,300 referenced records relating to official publications of the European Union and other documentary collections of the CDE.

Publications

In 2008, the Publications Service of the University of Navarra published 52 volumes of various journals, distributed as follows: 8 volumes of *Cuadernos de Anuario Filosófico*, *Serie Universitaria*, 2 issues of the journal *Anuario Filosófico*, 1 issue of *Anuario de Derecho Internacional*, 1 of *Anuario de Historia de la Iglesia*, 1 of *Cauces de Intercomunicación*, 2 of *Comunicación y Sociedad*, 1 of *Cuadernos de Arqueología*, 2 of *Cuadernos Doctorales*, 1 of *Excerpta e dissertationibus in Philosophia*, 2 of *Excerpta e dissertationibus in Sacra Theologia*, 2 of *Ius Canonicum*, 2 of *Revista de Edificación*, 2 of *Persona y Derecho*, 3 of *Journal of Physiology and Biochemistry*, 1 of *Rilce*, 3 of *Scripta Theologica*, 1 of *La Perinola*, 2 of *Estudios sobre Educación*, 12 of the journals from *Instituto de Empresa y Humanismo: Revista, Cuadernos y Nuevas Tendencias*, 1 of *Memoria y Civilización* and 2 of *Media Markets*.

In addition, 4 issues were published of *Noticias CUN*, 10 of *Nuestro Tiempo-Alumni Magazine* and 1 of *Redacción*.

Nuestro Tiempo and the newspaper *Redacción* have been merged. The magazine *Nuestro Tiempo*, founded in 1954 by Antonio Fontán, and *Redacción*, which since 1960 has provided information on the day-to-day life of the University, have been merged to form a new publication. The masthead will keep the name *Nuestro Tiempo*, it will be published every two months, and will be sent without charge to the homes of graduates and employees of the University.

Anuario de Historia de la Iglesia has been included in the Web of Science of the Institute for Scientific Information, of Thomson Reuters, which is considered to be the most important bibliographic database in the world.

The Family Studies Institute published 6 books in its *Colección de textos*, and a textbook for the Master's Program in Marriage and the Family.

The IESE published issues 1 through 9 of the 22nd year of *Boletín de comentarios de coyuntura económica*, 3 newsletters of *Apuntes de globalización* and issues 110 through 113 of its *Revista de Antiguos Alumnos* and its English version *Alumni*

Magazine. The IESE presented at its centers in Madrid and Barcelona the book *Sabiduría práctica. 50 años del IESE*, a portrait of the business school written by the journalist Carles M. Canals on the occasion of the fiftieth anniversary of the Institute.

Ediciones Universidad de Navarra, S.A. (EUNSA), in 2008, published 69 new works and 35 re-editions.

Association of Friends of the University of Navarra

The Association of Friends of the University of Navarra has fostered the transmission of teaching, medical and research activities which take place at the University, especially in the most important business contexts in Spain. This effort has permitted the Association to provide 200 scholarships to young researchers, which implied an investment of three million euros.

In addition, more than four million euros were dedicated to pay for infrastructure, as well as for teaching and research at the University.

Alumni Association

Currently, more than 25,000 students and graduates, living in 100 countries, are members of the Alumni Association, which has 74 Regional Chapters: 42 in Spain and 32 abroad. During the course of the year 162 programs and events were organized, in which more than 8,500 persons participated. Among the most prominent of these events were the presentation given by Mark Zuckerberg, founder and President of the social network *Facebook*, and the Alumni University Development Programs (PADU) organized in collaboration with residence halls (Mendaur, Belagua, Goimendi, Aldaz, Olabidea, Goroabe and the Center for Work and Studies connected with the Alborán Residence Hall of Sevilla).

The Alumni Association participated in the Annual European CASE Conference, held in Liverpool, at which it offered a presentation on the Alumni Scholarship Program. It also took part in a meeting of the group Conexiones de Asociaciones de Antiguos Alumnos de Universidades Españolas, dedicated to bringing together alumni associations from around the country; the meeting took place in November at the headquarters of the IESE in Barcelona, and the Alumni Association offered a session on social networks. In addition, it cooperated in the GRUNDTVIG project of the European Union, focused on the exchange of experiences with other alumni groups in Germany, Austria, the U.K. and Spain.

A total of 162 students (139 Spanish and 23 foreign) from 33 degree programs benefitted during the past academic year from the Alumni Scholarship Program, which invested a total of 804,677 euros, for an average of 4,967 euros per scholarship.

In May, the third graduation celebration of Alumni interns was held, with the issuing of diplomas to the 26 persons who finished their degree programs.

On the weekend of October 25 and 26, 2008, the Annual Alumni Reunion was held, which included the 1st Alumni Conference, five year reunions for graduating class of the various Centers, meetings of former residence hall housemates, and the 9th International Working Sessions for regional delegates.

The University Jacobean Accreditation, a international project fostered by the Alumni Association, and which has been joined by numerous universities around the world, promote the Way of St. James in the University environment. In the month of March, in collaboration with the Way of St. James Chair and the Center for European Studies, the fourth edition of the course "The Way of St. James from the University Perspective" was organized, attended by 51 students. In addition, over the course of the year, the "Way of St. James for Families" group has covered various stages of the pilgrimage route, with the participation of former students and their families.

UNIVERSITY OF NAVARRA HOSPITAL

Caregiving Activity

Over the course of the previous year, in Pamplona and Madrid, there were

164,240	physician visits,
13,733	hospitalizations,
11,861	surgeries.

Personnel

The University of Navarra Hospital employs 499 physicians, 768 nurses and 1,032 other professionals.

Personnel at the University Hospital 2008-09

Pamplona

<i>Medical personnel</i>		<i>Nursing and other personnel</i>	
Consultants	166	Executives	33
Clinical collaborators	126	Licentiate degree holders	37
Research collaborators	11	Nurses	751
Technical collaborators	19	Medical personnel, auxiliary staff, technicians	467
Residents I	40	Administrative Personnel	183
Residents II	41	Maintenance	41
Residents III	40	Laundry and janitorial	125
Residents IV	32	Diets	93
Residents V	7	Others	15
	482		1,745

Personnel at the University of Navarra Hospital 2008-09

Madrid

Clinical collaborators	15	Executives	2
Licentiatees in Medicine	2	Licentiate degree holders	3
		Nurses	17
		Clinical Auxiliary Staff	13
		Workers, Administrative Staff	19
		Maintenance	1
	17		55

RESEARCH

The University's *Research Report* details the research activity and results of the various Centers and Departments over the course of the preceding year. We provide here summaries of some of the most important information from that report.

Research Plan of the University of Navarra (PIUNA)

The PIUNA structures and funds part of the research undertaken at the University of Navarra on the Pamplona campus. In addition to the projects funded via the yearly call for grant proposals, it funds the following projects with a total budget of 2,733,348 euros:

- "Spanish Golden Age", directed by Prof. Ignacio Arellano.
- "Recent Spanish History", directed by Prof. Álvaro Ferrary.

The research undertaken at the Family Studies Institute, directed by Prof. Javier Escrivá.

- "Nutrition, Obesity and Health", directed by Prof. J. Alfredo Martínez.
- "Classical Spanish Thought", directed by Prof. Ángel Luis González.
- "Optimal Monetary Policies in European Economies: institutional factors and financial variables", directed by Prof. Fernando Pérez de Gracia.
- "Nanotechnologies", directed by Prof. María Blanco Prieto.
- "Study of Integrated Monitoring of a Forested Valley in the Pyrenees", directed by Prof. Jesús Miguel Santamaría.
- "Genetic Mechanisms for Activation of Proteins with Tyrosine Kinase Activity in Hematological Neoplasms. State of the Transduction Path of the JAK-STAT Signal. Clinical Implications", directed by Prof. José Luis Vizmanos

51 projects funded through the annual calls for grant proposals are currently in progress, with a global budget of 776,463 euros.

Center for Applied Medical Research

The Center for Applied Medical Research, during the 2008-09 academic year, has continued to increase its presence in the national and international panorama of research.

In the European context, 7 international projects are currently underway: 4 belong to the 7th Framework Program (one of them is a Marie Curie project), 2 are Interreg projects, and one is part of the AAL Program (Ambient Assisted Living). Additionally, this year 2 research projects have been applied for in the 7th Framework Program, as well as an ERANET project.

In the area of intellectual property, this year's research activity has given rise to 8 new patents. Up to the present, the CIMA has generated a portfolio of 49 patents.

The number of scientific publications in 2008 was nearly 300, of which nearly 200 were articles in journals, increasing the visibility of the CIMA in the principal publications around the world: *Journal of Clinical Investigation*, *CA Cancer Journal for Clinicians*, *Nature Methods*, *PNAS*, *PLOS*.

Research projects subsidized by public agencies

In the period between July 1, 2008 and June 30, 2009, various public agencies have provided a total of 6,995,321 euros in order to finance 69 research projects.

The European Commission, via the 7th Framework Program and other programs, has provided a total of 701,214 euros for carrying out 4 projects in distinct areas of research. The Ministry of Science and Innovation has approved direct aid in the amount of 2,038,652 euros for undertaking 24 projects, and has provided 3 subsidies in the modality of repayable advances, for a total of 1,314,846 euros. The Medical Research Fund of the Spanish Ministry of Health and Consumer Affairs has financed 19 projects with 2,695,311 euros, and other agencies of the Central Administration have financed another 6 projects with 56,920 euros. In addition, the Government of Navarra, via various initiatives, has provided aid to 13 projects, for a total of 188,378 euros.

Technology Transfer

The Science and Technology Institute of Navarra (ICT), founded by the University in order to coordinate, promote and manage research, and configured as a Technology Transfer Office (OTRI), has continued maintaining contacts with businesses, during the course of the 2008-09 academic year, in order to establish links that will permit the development of contracts in the future. The ICT has provided services to 200 businesses and has signed more than 100 contracts for research and technological assistance.

The ICT billed more than 7.5 million euros over this period. While there is more and more diversification every year, the areas of biomedicine and pharmacy continue to be the most consolidated.

The average staffing level over the last year was 150 persons; the greatest increase was produced in the category of Licentiate graduates. Since its creation in 1986, more than 800 persons have worked at the ICT, with an average contract of three years.

In 2008-09, the Institute has managed a total of 68 active inventions (including those developed by the CIMA), of which 9 were developed during this year. These 68 inventions have been the basis for a total of 400 active patent applications worldwide (including applications in process and patents granted).

The CEIT Research Center of Guipúzcoa had an income of 14.6 million euros in 2006. Within the category of operating income, R&D contracted with businesses made up 42.4%, while subsidies from public funds made up 57.6%: 27.3% from the Basque Government, 19.2% from the Government of Spain, and 10.8% from the European Union. Investments in scientific equipment amounted to 1.7 million euros. The staff of the CEIT at the end of 2008 was made up of 219 persons, between contracted researchers, technicians and auxiliary staff; in addition, the CEIT hosted 75 student interns.

Aid for researchers in training

The Association of Friends of the University of Navarra provided a total of 224 aid packages (176 scholarships and 48 contracts) to graduates who began university-level teaching, for a total of 3,045,246 euros; to finance these aid packages, in addition to its own resources, it had the collaboration of the University of Navarra Foundation. The University of Navarra Business Foundation provided 82 scholarships worth 681,323.93 euros, and the Foundation for Applied Medical Research (FIMA) provided 946,187 euros in the form of 70 aid packages (29 scholarships and 41 contracts).

The Ministry of Education and Science financed 43 aid packages for researchers (19 scholarships and 24 contracts); the Health Research Fund provided 12 packages (9 scholarships and 3 contracts); the Government of Navarra provided 58 aid packages (21 scholarships and 37 contracts); the Basque Government, 16 aid packages (4 scholarships and 12 contracts); the Government of La Rioja provided 2 (1 scholarship and 1 contract), and other entities provided 65.

AID FOR THE TRAINING OF RESEARCHERS 2008-09				
	Scholarships		Contracts	
	#	Amount	#	Amount
Architecture	5	59,535.90	1	13,860.02
Center for Doc. and Studies of Josemaría Escrivá de Balaguer	1	13,392.14		
Economics and Business Administration	14	138,390.56	1	19,610.77
Communication	16	176,735.76	6	61,352.54
Sciences	34	329,700.76	27	389,827.20
CIMA	49	461,465.61	61	846,387.43
Canon Law	2	15,173.64		
Law	11	133,553.30	9	88,522.44
Nursing	5	67,000.00		
Pharmacy	54	442,502.19	21	381,749.53
Humanities and Social Sciences	38	410,201.48	34	442,102.84
Engineering	126	1,310,106.87	3	52,500.00
Medicine / University Hospital	25	244,274.61	12	178,859.55
Theology	2	14,200		
Business and Humanism Institute	6	67,248.17		
Various	9	70,296.37		
TOTAL	397	3,953,777.36	175	2,474,772.32

Thanks to an agreement signed by the University with the Bancaja Foundation, 10 graduates of the University have received a 3,000 euro scholarship in order to perform research abroad.

UNIVERSITY COOPERATION

International agreements and programs

The University maintains 266 cooperation agreements with universities around the world.

In addition, the University continues to participate in international inter-university forums and programs: the university network connecting Aquitaine, the Basque Country and Navarra; the Erasmus program, within the 2007-2013 Permanent Learning Program of the European Union; the cooperation program with Latin America directed by the AECl; the NAFSA Annual Conference, held in Los Angeles (USA), and the assemblies of the Spanish European Committee for International Relationships, a subsidiary of the CRUE, in Granada.

Teacher and Student Exchange Programs

During the past academic year the University received 214 international students coming from universities in 31 countries of Europe, America, Asia and Oceania, thanks to academic exchange programs. As for our students, 272 performed academic exchanges in associated universities.

There were 68 exchange students from the Master in Business Administration of the IESE, the result of the programs that the Institute has established with 23 universities around the world.