

A MODEL  
UNIVERSITY  
FOR CAREER  
DEVELOPMENT  
BASED ON  
HUMAN VALUES.



**PUCPR**

GRUPO MARISTA





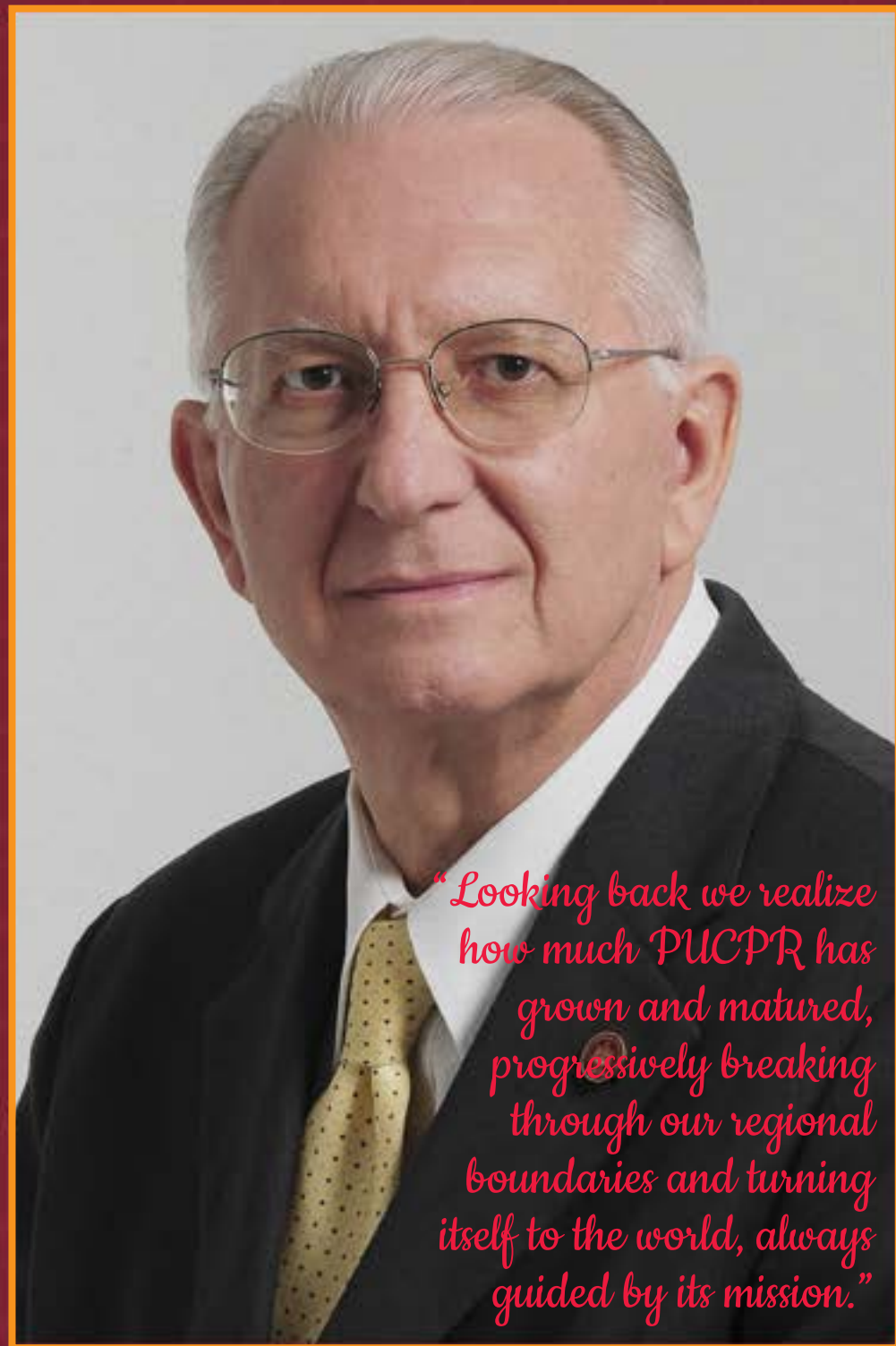




# INDEX

06	WORDS FROM THE PRESIDENT
08	THE HISTORY OF PUCPR
10	THE MARISTS' BROTHERHOOD PRESENCE IN BRAZIL
12	PUC IDENTITY
14	PUC IN THE STATE OF PARANÁ
22	THE UNIVERSITY
23	ACADEMIC UNITS
24	SCHOOL OF AGRICULTURALSCIENCES AND VETERINARY MEDECINE
26	SCHOOL OF ARCHITECTURE AND DESIGN
28	BUSINESS SCHOOL
30	SCHOOL OF COMMUNICATION AND ARTS
32	SCHOOL OF HEALTH AND BIOSCIENCES
34	SCHOOL OF EDUCATION AND HUMANITIES
36	SCHOOL OF LAW
38	SCHOOL OF MEDICINE
40	POLYTECHNIC SCHOOL
42	RESEARCH AND INNOUATION
44	PUC INTERNATIONAL
46	PUC TALENTOS -CAREER SERVICES
48	PUCPR'S INFRASTRUCTURE
50	FLEXIBILITIES OF EDUCATION TECHNOLOGIES
52	GRALHA AZUL EXPERIMENTAL FARM
53	MARINE AQUACULTURE
54	HOSPITAL COMPLEX
58	CLINICS
59	UNIVERSITY PHARMACY
60	COMMUNICATION CENTER
62	LANGUAGE CENTER
64	LIFE ON CAMPUS: ART, CULTURE, SPORTS AND LEISURE
68	MULTISPORTS CENTER
70	SOCIAL COMMITMENT AND EDUCATION FOR SOLIDARITY
72	SCHOLARSHIPS
74	COMMUNITY AND ENVIRONMENTAL ACTIONS





*"Looking back we realize how much PUCPR has grown and matured, progressively breaking through our regional boundaries and turning itself to the world, always guided by its mission."*

## WORDS FROM THE PRESIDENT

PUCPR is a relatively young institution, when compared to centennial higher education institutions existent in the northern hemisphere. In 2009 we celebrated our 50th anniversary. Throughout five decades, we were inspired to always better ourselves by the pioneers that launched the bases of this university: men and women who, full of enthusiasm hoped to develop the region through quality education.

Through this work of educators, we have always had our actions grounded on the awareness of social responsibility and spirituality, within the institution and in each graduating student.

Looking back we realize how much PUCPR has grown and matured, progressively breaking through our regional boundaries and turning itself to the world, always guided by its mission.

Today we have academic cooperation with around 200 partner universities in over 30 countries. International cooperation has contributed to our growth, to our faculty and student development and helped us elevate our quality potential to international standards.

Nowadays, looking forward to the future through an ongoing strategic planning effort which was implemented more than 20 years ago, we persistently seek the consolidation of our reputation as an internationalized institution with high standards of excellence in teaching, research and services.

We are delighted to see that so far our journey has been successful. At the same time, with even greater joy we realize we were never away from our original ideals and values.

*Clemente Ivo Juliatto, President.*



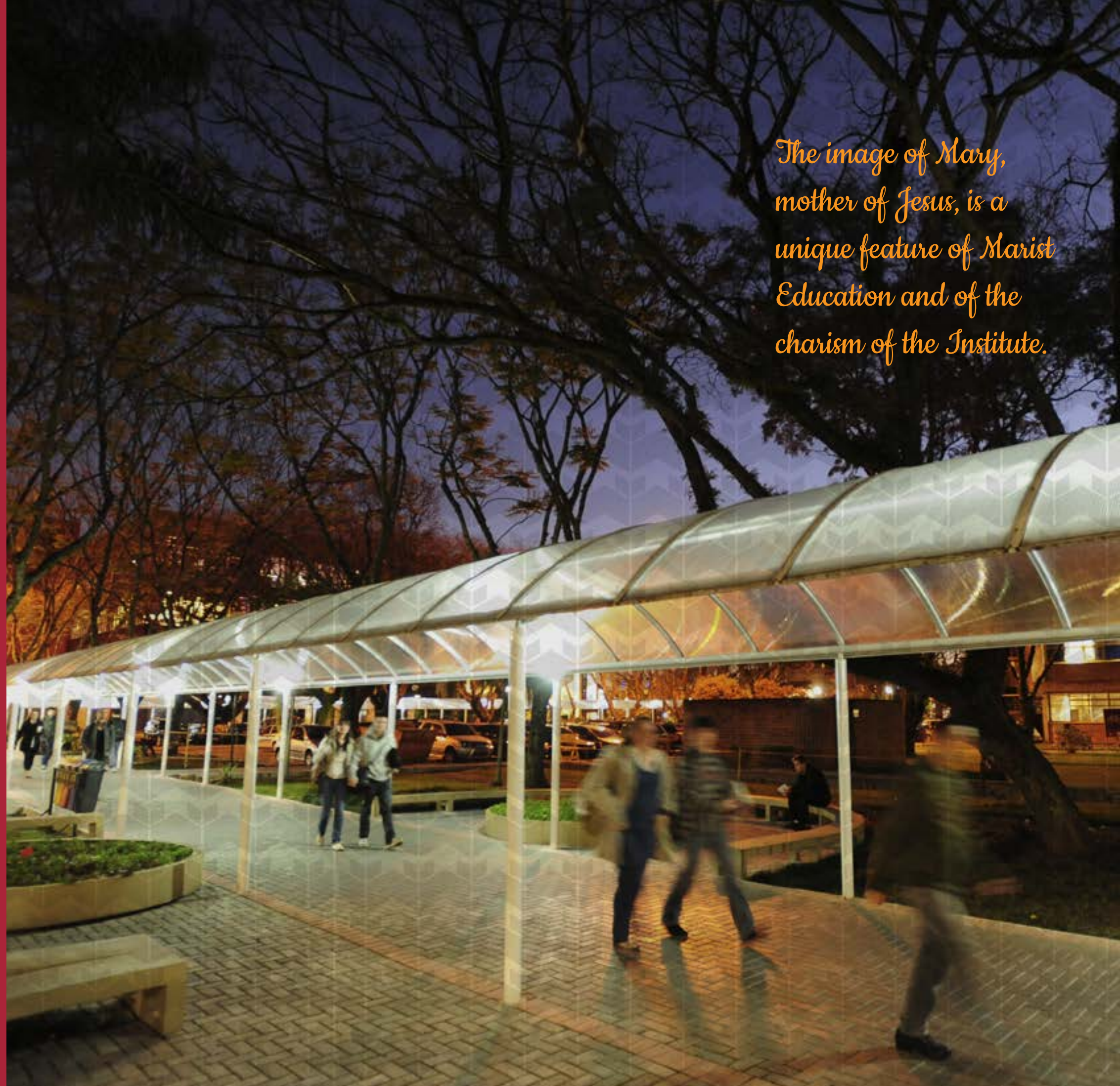
# THE HISTORY OF PUCPR

## *Education To Form Citizens*

PUCPR was created in 1959 as Catholic University of Paraná, resulting from D. Manuel da Silveira D'Elboux's dream, the Metropolitan Archbishop of Curitiba at that time. The institution, made up of several schools connected to the Catholic Church, was recognized by the federal Government in 1960, supported by the Archdioceses and religious congregations until the 1970s. In 1973 the Marist Brothers took over the administration of the University. From this moment on, the University incorporated the principles and values of Saint Marcellin Champagnat, founder of the Marists Brothers Congregation. In 1985 the Sacred Congregation for Catholic Education bestowed upon the University the title of Pontifical, recognizing its commitment to quality, to Christian humanism and solidarity. Nowadays, PUCPR is recognized as one of the best institutions of higher Education in Brazil, due to the excellence of its programs, its research projects and its insertion in the community.



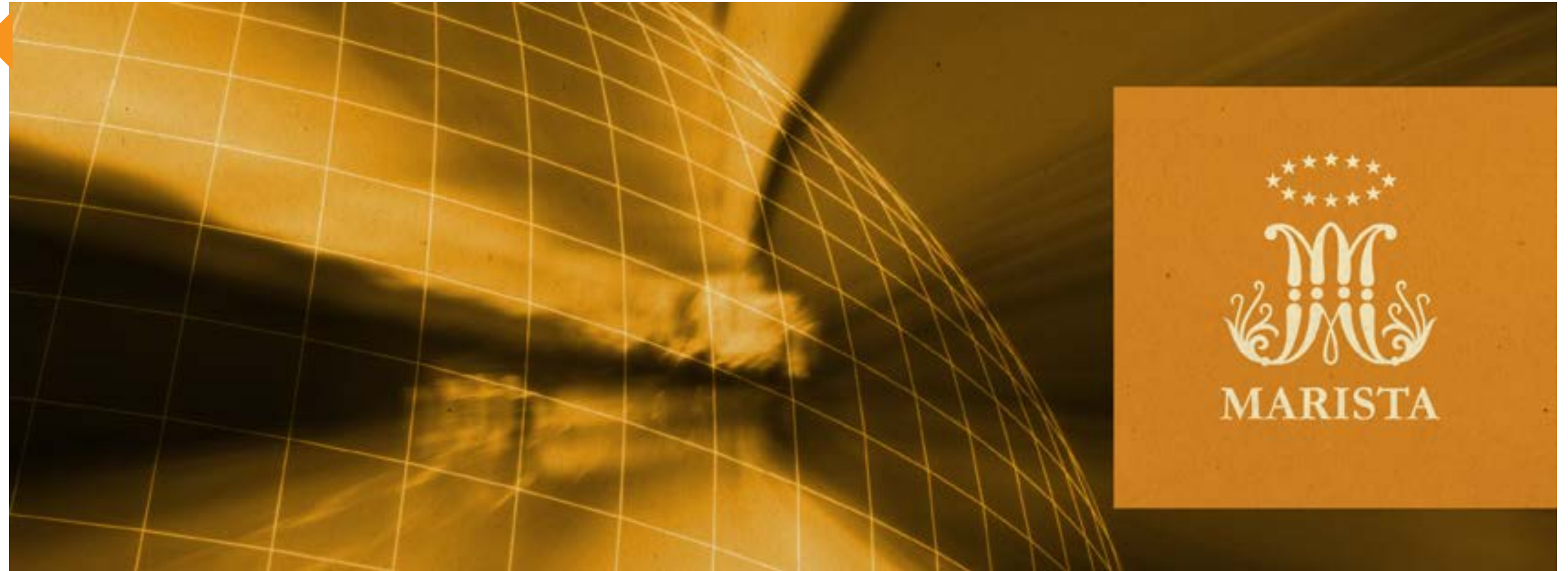
*The image of Mary, mother of Jesus, is a unique feature of Marist Education and of the charism of the Institute.*





## *The Marist Brothers' Presence in The World*

The Marist Brothers' Institute is present in 78 countries on five continents. It is involved in schools, social units, Universities, Communications, publishing houses and hospitals. In education, the Marists' pedagogy emphasizes a holistic education of the person, through attitudes that promote values such as love, work and the family spirit. All over the world, the presence of the Marist Brothers is organized through administrative units called Provinces, which are represented by non-profit civil organizations. Although they have independent administrations, the Provinces share the same ideals. In these units, the pastoral actions are coordinated so that they might be developed by the collaborators, students and community, in order to promote the Christian values of solidarity, dialogue, respect for the human beings and care for nature.



## *The Marists' Brother Presence In Brazil*

The Institute of the Marists Brothers was founded in 1817 by St. Marcellin Champagnat in La Ualla, France. In Brazil, the first Brothers arrived in 1897. Our country is currently divided in three Provinces and one District: the Marist Province of Brazil CenterSouth, the Marist Province of Brazil Center-north, the Marist Province of Rio Grande do Sul, and the District of Amazônia. PUCPR is part of the Marist Province of Brazil Center-South, which comprises the states of São Paulo, Paraná, Santa Catarina and the federal District. Marist pedagogy, inspired by the values of its founder, is concerned with the holistic education of the students, promoting constant work, the spirit of sharing and social responsibility. The figure of Mary, mother of Jesus, is a unique feature of Marist Education and of the charism of the Institute. The Paraná Association of Culture (Associação Paranaense de Cultura - APC) was created in 1950 and it is the legal entity responsible for the support and development of PUCPR.





# PUC IDENTITY

*“No one can  
educate a student  
without loving  
him / her”*

Saint Marcellin Champagnat

## Mission

The mission of the Pontifical Catholic University of Paraná is to develop and spread knowledge and culture and to promote a holistic and permanent education of citizens and professionals committed to life and to the development of society.

## Objectives

“No one can educate a student without loving him / her”. These words of Saint Marcellin Champagnat guide the activities and initiatives of PUCPR. The University aims at ensuring that teaching, education, research and extension get connected to the Christian philosophy. It allows everybody that is part of this large community to develop a better understanding of the meaning of life, of transcendence and of solidarity.

## A vision Of The Future

PUCPR strategic planning for 2022 intends to consolidate its reference position on international level, recognized for its institutional excellence in research, academic programs and relationship with private and public sectors.

The current and future scenarios of Brazil as an important player in the world’s economic and political context induces us to place internationalization as a core activity. Such regular and systematic efforts incorporated within the university’s life are indicators of the institutional development.

Through this journey, human Christian values and Marist pedagogy should be continuously reinforced and embedded in the philosophy and institutional actions, grounded in intellectual,

cultural and spiritual development of all academic community.

Having the strategic perspectives above in mind, we strongly believe in the significant contribution to the regional development and prosperity based on sustainability, social justice, commitment to the value of life, transcendence and solidarity.



*Curitiba is located in the southern region of Brazil and is the capital of the state of Paraná.*



# PUC IN THE STATE OF PARANÁ

Curitiba is located in the southern region of Brazil and is the capital of the state of Paraná, where the level of development is compared to the ones from many European and North American countries.

Located 100 km from the coast of Paraná state, Curitiba offers an easy access to calm and nice beaches towns. In addition, Superagui state Park is home of several endangered species and one of the most important coastal ecosystems of the world. For those and other reasons, Superagui has been recognized as a UNESCO World Heritage. Going to the western region of the state, two magnificent landmarks impress the visitors and make Brazilians proud of: Iguassu Falls, the largest waterfall in the world, and Itaipu Binacional, the world's major hydroelectric plant in power output.

Referred to as the ecological capital of Brazil, Curitiba is currently considered one of the best planned cities in the world. It became an international model for sustainable development due to the implementation of an integrated urban planning which allowed the city to be considered a reference in regards to public transportation, preservation of the city's cultural heritage, expansion of parks and green areas, and social and environmental programs.





# CURITIBA CAMPUS

Curitiba Campus (PUCPR main campus) was designed to be a part of the city. PUCPR began in this location, and gradually expanded its operations to four more cities: São José dos Pinhais, Londrina, Toledo and Maringá. In these cities the University acts as a lever for regional development and opens up paths for social inclusion. Located in the district of Prado Velho, Curitiba Campus offers academic programs in various fields, ranging from undergraduate and professional certificate programs to Master's and Doctorate degrees.

The excellent campus facilities are ideal for the professional and cultural development of our students, which include a Technological Park, where R+D teams from more than 20 companies share a space for innovation with PUCPR researchers. Curitiba campus has more than 200 research labs, various clinics and institutes which offer free service to the local low-income community, besides a theater and museums actively engaged in the cultural life of the city.







# SÃO JOSÉ DOS PINHAIS CAMPUS

Well-known for its intense agricultural activities and its industrial park, São José dos Pinhais is both a research center and an ideal venue for academic practical training. São José dos Pinhais campus primarily offers degree programs from the Business School, Law School and in special from the School of Agricultural Sciences and Veterinary Medicine. While preparing our students to the current competitive job market in those fields, we also focus on the latest developments in agriculture technology and Veterinary Medicine. Such activity can be seen in PUPCR 1,000-hectare experimental farm, located in "Fazenda Rio Grande", in the metropolitan area of Curitiba.



# LONDRINA CAMPUS

Opened in 2001, Londrina Campus has a history based on tradition and quality teaching. With modern facilities and a complete infrastructure, it offers undergraduate and graduate degree programs, all planned and implemented according to the needs of that specific region. Qualified faculty, based on a holistic educational approach, is constantly motivating students to develop research and make the most of what the institution has to offer.

Londrina is known for its remarkable economic activity and intense cultural activity. With a pleasant weather, Londrina has over 40,000 college students, which makes it a real university town. Besides enrolling students from Parana state, Londrina campus, also receives students from Brazilian states of Sao Paulo, Mato Grosso, Mato Grosso do Sul and Minas Gerais.





# TOLEDO CAMPUS

This campus was opened in 2002 to expand educational opportunities to prepare professionals in the western region of Paraná, in areas of their specific interest. The programs offered at the PUCPR Toledo Campus favor the development of the region, characterized by its intense agricultural activities (fruit production, horticulture, soybeans, corn, canola, wheat, oat), livestock (beef, poultry and pork) and agro industrial enterprise. Several of the undergraduate, graduate, and continuing education programs offered in Toledo are directly related to those fields. The campus currently counts with 1,500 students and with infrastructure, which meets PUCPR teaching quality institutional requirements, including a model veterinary hospital.



# MARINGÁ CAMPUS

PUCPR opened a campus in Maringá to become more than an institution of higher education. The institution aims at being an agent of development and promotion of knowledge and culture in the Maringá Region. Thus, new undergraduate degrees and professional certificate programs have been developed, in order to focus on the region's specific needs. Maringá has a strong agricultural history but nowadays is essentially connected to urban economic activities. Taking such aspects into account, PUCPR offered to that community a new modern branch, combined with its quality education philosophy. One of the highlights of this campus is the Law undergraduate degree program, which counts with a unit of juridical practice located next to the city Law Court.





# THE UNIVERSITY

Guided by ethical, Christian and Marist principles, PUCPR has followed a 50-year journey seeking development, promotion and preservation of culture and knowledge. Following the Marist educational approach, PUCPR is a comprehensive university oriented by the construction and preservation of human knowledge and consequently, the promotion of the value of life.

Education with a humanistic approach coupled with intellectual engagement is present at PUCPR throughout its 5 campuses. Its 66 undergraduate programs, 22 graduate programs (master's and doctorate) and more than 200 professional certificate programs, offer the students of our university a thorough and well-rounded education.

As a result of idealism and commitment to educational services and contribution to our community, our university was awarded the title of Pontifical in 1985 by the Sacred Congregation for Catholic Education of the Vatican.

# ACADEMIC UNITS

Contributing to the students' integral development, PUCPR programs are organized by Schools. Each school encompasses areas which have synergy and allow more engagement of students in learning and research activities besides more integration throughout the various campuses.



# SCHOOL OF AGRICULTURAL SCIENCES AND VETERINARY MEDICINE

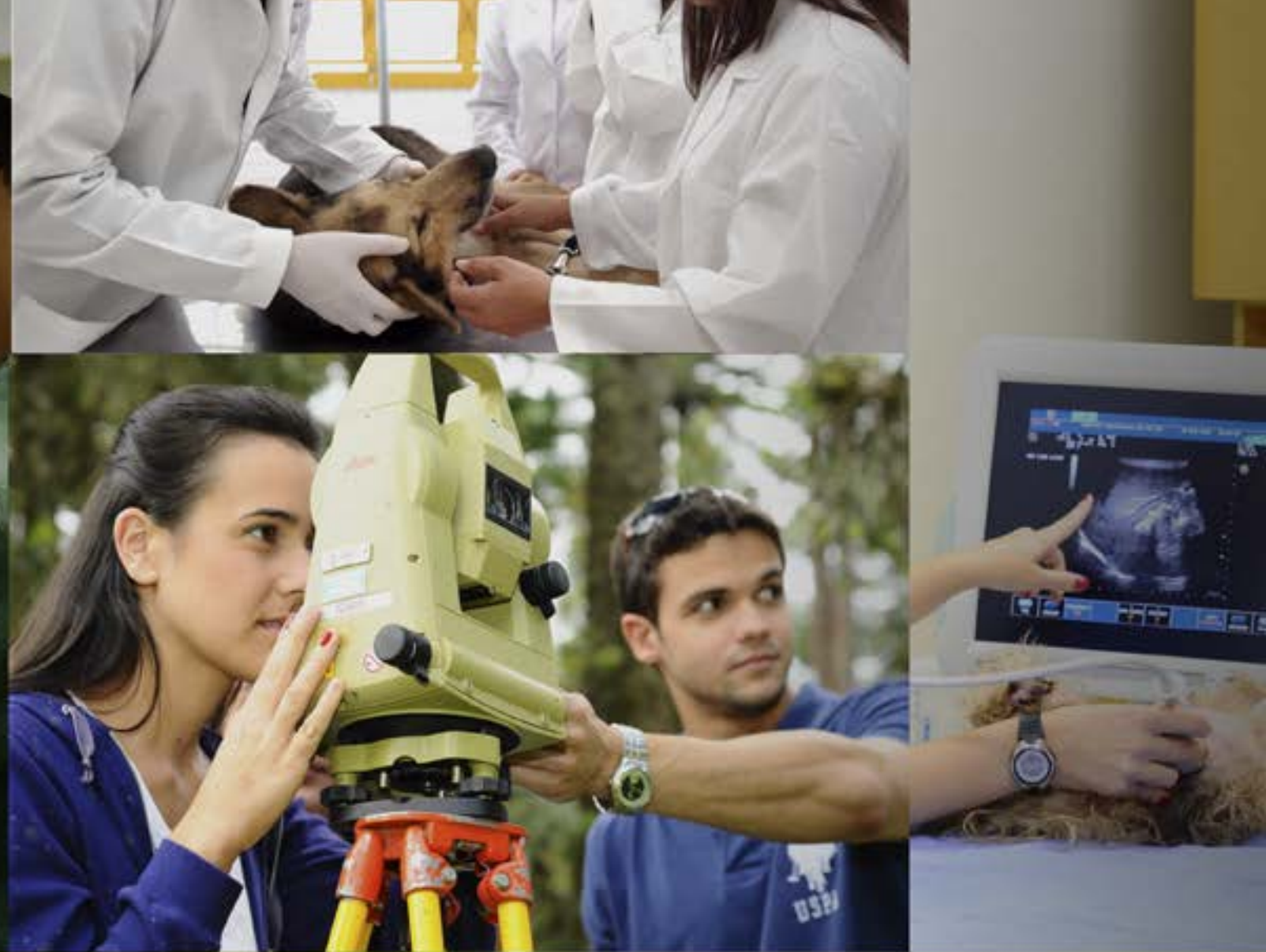
The SCHOOL OF AGRICULTURAL SCIENCES AND VETERINARY MEDICINE, is strategically located on Sao Jose dos Pinhais campus due to the availability of space and the proximity to the green belt in the metropolitan region of Curitiba, gathering all the elements which makes it a PUCPR center of excellence.

International cooperation, research integrated to students' education since their first university years, and technology transfer to the productive sector are an addition to teaching methods and up-to-date curriculum.

The leadership position of the state of Parana on national level in regards to high technology and productivity in agriculture and livestock, besides the organization of its reference co-op models, create many opportunities to the university to continuously develop this School in close cooperation with local companies.

The proximity of campus to the PUCPR Gralha Azul Experimental Farm with more than 1,000 hectares, makes it an active laboratory for the students for experimentation and research. Additionally, it allows them to have access to the most recent production and handling techniques, in raw material transformation and value added production.

The Veterinary Program counts with a Veterinary Hospital made of three units: Pets (located on Sao Jose dos Pinhais campus), Farm Animals (located at the Experimental Farm, in the town of Fazenda Rio Grande), and Equines (located at the facilities of the Military Police of the State of Parana). All these units serve to the local communities and are excellent facilities for professional practice and medical residency for the Veterinary Medicine students.



## *Undergraduate Degrees:*

Agronomy,  
Forestry,  
Veterinary Medicine.

## *Graduate Degree:*

Animal Science (master's).

## *Concentration areas:*

Animal Pathology,  
Compared Studies,  
Surgery and Clinics Technology,  
Animal Products Quality.



# SCHOOL OF ARCHITECTURE AND DESIGN



School of Architecture and Design is a reference center dedicated to teaching, research and continuing education in the areas of architecture, urbanism and design.

The School offers unique programs, which integrate theory and practice in projects that contribute to the natural and artificial environment, by creating and improving objects, physical or digital visual interfaces, constructions or proposing interferences in cities and metropolitan regions. In such projects are actively integrated the creativity, graphic expression, the value-add of arts and principles which underlie social responsibility and sustainability.

The synergy resulted from the integration among the academic programs and research developed at the School of Archi-

tecture and Design instigates an up-to-date and critical vision of reality. This approach is reflected in a stimulating study environment, which opens space to presentation of ideas and projects attuned to our times and with audacious and innovative answers to our society challenges.

On graduate studies level, the Urban Management master's and doctorate program is one of our highlights since it is offered in Curitiba, a city which is recognized as one of the best planned towns in the world. Curitiba was already awarded by UNESCO for its urban development sustainable model. Such exceptional context coupled with the excellent academic level of the program, makes it one of the most internationalized degrees in our institution, with cooperation with research institutes and universities worldwide

## *Undergraduate Degree:*

Architecture and Urbanism,  
Fashion Design,  
Digital Design,  
Visual Programming,  
Product Project.

## *Graduate Degree:*

Urban Management (master's and doctorate)

### *Concentration areas:*

Governance and Urban Networking,  
Project and Planning of Urban and Regional Spaces,  
Environmental Management,  
Sustainability.



# BUSINESS SCHOOL: REFERENCE IN MANAGEMENT



Established to promote the integration of all levels of study (undergraduate, master's and doctorate) and the interaction with the corporate sector, PUCPR Business School is a member of AACSB (The Association to Advance Collegiate Schools of Business) and ranked by the Eduniversal International World Ranking.

Aiming at expanding international cooperation and intensifying its participation in international projects and research

networks, the Business School offers courses taught entirely in English both on undergraduate (more than 40 credits per semester) and doctorate levels.

Besides the academic programs, the Business School also offers advanced solutions in management, through professional development and training seminars and courses, consulting services, planning and implementation of technical events and development of applied research.

## *Undergraduate Degrees:*

- Business Administration,
- Accounting,
- Economics,
- Marketing,
- Executive Secretary,
- Tourism,
- Commercial Management Technology.

## *Graduate Degrees:*

—  
Business Administration (master's and doctorate)

## *Concentration areas:*

Management,  
Strategy.



# SCHOOL OF COMMUNICATION AND ARTS



The School of Communication and Arts was conceived to promote and integrate the areas of knowledge related to communication studies in the following areas: advertisement, journalism, public relations and arts - music and theater.

The School also promotes the connection among the various levels of study: undergraduate, continuing education and extension.

Besides the regular academic programs, the School of Communication and Arts offers advanced solutions in communication, through training, in company courses, consulting, planning and development of technical events and market surveys and polls.

The School holds a research group in the field of Communication Studies with focus on Communication Education and Culture, Image and New Media Meaning Systems and Communication Management. It also counts with TV, Audio, Photography, Music and Theater lab facilities.

Internationalization is one of the strengths of the School. Student and faculty exchange contributes significantly to keep active PUCPR international academic cooperation agreements in Latin America, Europe and United States.

## *Undergraduate Degrees:*

Journalism,  
Advertisement,  
Public Relations,  
Music,  
Theater.



# SCHOOL OF HEALTH AND BIOSCIENCES



The School of Health and Biosciences is composed of 11 undergraduate degrees offered on Curitiba campus, Londrina, Maringá and Toledo, and a graduate degree program (master's and doctorate) in Dentistry.

Focused on integral and transdisciplinary education, the students from the School of Health and Biosciences are motivated to know their future profession since the beginning of the program through practical activities developed in the clinics of physical therapy, dentistry, nutrition, psychology, university pharmacy and research units.

The School maintains various cooperation agreements with international institutions of higher education, allowing our stu-

dents to experience cutting edge programs in the health and biosciences fields. Undergraduate research is permanently encouraged through scientific initiation programs aiming at preparing students to later engage in master's and doctorate programs at PUCPR, and at other Brazilian and overseas institutions.

It also counts with highly qualified and internationally respected professors, internship advisors and researchers whose dedication goes beyond teaching, by highlighting the importance of humanization of the professional practice.

## *Undergraduate degrees:*

—  
Biotechnology,  
Biological Sciences,  
Gastronomy,  
Nursing,  
Pharmacy,  
Physical Therapy,  
Nutrition,  
Dentistry,  
Psychology,  
Physical Education.

## *Graduate Degrees:*

—  
Dentistry (master's and doctorate)

## *Concentration Areas:*

Biosciences,  
Restorative Dentistry,  
Endodontics,  
Stomatology,  
Orthodontics,  
Periodontology,  
Oral Radiology,  
Public Health.



# SCHOOL OF EDUCATION AND HUMANITIES

The School of Education and Humanities is a center of academic excellence in teaching and research with broad experience in teacher education for child, elementary, high school and higher education levels. The School develops studies and research in the humanities in collaboration with national and international universities and institutions such as UNESCO.

The undergraduate degrees are offered on Curitiba, Maringá and Londrina campuses. In addition, the school offers 3 well consolidated graduate programs in Theology, Philosophy and Education. Research projects developed are articulated with

fundamental themes in their respective areas: teacher education, public policies, educational policies, ethics, gender, safety, violence, bioethics, environment, language, culture and child youth.

Furthermore, the School counts with a Language Center, which offers courses of German, Chinese, Korean, Spanish, French, English and Japanese. Preparatory courses for Language Proficiency Exams, Portuguese for Foreigners Courses and Conversation Courses are also available to the community.

## *Undergraduate Degrees:*

—  
Philosophy (Teaching Degree),  
History (Teaching Degree),  
Languages Portuguese (Teaching Degree),  
Languages Portuguese English (Teaching Degree),  
Languages Portuguese Spanish (Teaching Degree),  
Physics (Teaching Degree),  
Math (Teaching Degree),  
Pedagogy,  
Chemistry (Teaching Degree)  
Sociology (Teaching Degree),  
Social Work (Bachelor's),  
Theology (Bachelor's).

## *Graduate Degree:*

Education (master's and doctorate)

### *Concentration Areas:*

Education History and Policies,  
Theory and Pedagogical Praxis in Faculty,  
Professional Development.

Philosophy (master's and doctorate)

### *Concentration Areas:*

Epistemology,  
Ethnics,  
Psychology of Psychoanalysis.

Theology (master's)

### *Concentration Areas:*

Theology and Evangelization,  
Theology and Society.



# SCHOOL OF LAW



PUCPR School of Law offers an undergraduate degree program in Law as well as professional certificates in specific fields throughout its five campuses. Its teaching approach praises for its comprehensive humanistic approach, which aims at integrating academic knowledge with professional training grounded on ethical principles, not only in the degree programs but also in continuing education and research initiatives.

Additionally, Curitiba campus offers the Law Graduate Program (master's and doctorate), which has its research focus on Economics and Socio-environmental law. The graduate program prepares young lawyers to become higher education professors and public policy makers, and give them the opportunity to develop independent research in other Brazilian and international higher education institutions.

## *Undergraduate Degree:*

—  
Law

## *Graduate Degrees:*

—  
Law (master's and doctorate)

## *Concentration Areas:*

Consumer Law and Technological Society,  
Taxation Law and Economic Activity,  
Economic Regulation and Corporate Work,  
Justice, Democracy and Human Rights,  
Environmental Issues: traditional Societies and Hegemonic Society.



# SCHOOL OF MEDICINE



PUCPR Medical School is one of the oldest schools of the institution, becoming a tradition in the medical area in the Curitiba region. The university is strongly tied to the local community through its five hospitals operating in the Curitiba region including Santa Casa, a reference hospital in organs transplant in Paraná, and Cajuru, the largest trauma hospital in the state. At those hospitals, PUCPR medical students are able to do their rotation programs and develop research besides having access to the specialty residency program once they conclude Medical School.

The Medicine undergraduate degree program has an up-to-date curriculum through which students integrate a cooperative learning approach to a variety of practical and research activities. Among them we highlight the practice at community outpatient services through internships in the fields of family and community health and other specialties, undertaken at Health Centers from the city government of Curitiba and Health Units from the own university. Furthermore, a new cutting

edge medical simulation laboratory is about to be launched in which students will practice and be evaluated on activities related to diagnosis, medical procedures and treatments "in real life conditions", helping students improve their skills to become confident in their profession.

Research is a fundamental and permanent component in the professional training of a medical doctor. All students, at the end of their clinical phase must develop a research project under a professor's supervision, which is an admission requirement to the medical rotation at the end of their 5th year in the medical program. In addition, undergraduate research projects are also part of PUCPR institutional research initiative. On the graduate level, a multidisciplinary master's and doctorate program in Health Sciences prepare researchers in various concentration areas, maintaining active cooperation and joint research projects with internationally renowned overseas universities and research institutes, in special in the United States, Canada, UK and Holland.

## *Undergraduate Degree:*

—  
Medicine

## *Graduate Degree:*

Health Sciences (master's and doctorate)

### *Concentration Areas:*

Cellular and Molecular Aspects in Pathogenesis,  
Cellular and Engineering Transplantation,  
Basic and Applied Epidemiology and Clinic Investigation,  
Diagnostic and Therapeutic Methodology,  
Surgery and Trauma Technology.



# POLYTECHNIC SCHOOL



Recognized both nationally and internationally for its quality in education, research and services, the Polytechnic School offers degrees in practically all the engineering and informatics fields.

The innovative collaborative learning method, coupled with the intensive use of educational technologies contribute to the regular teaching environment throughout the degree programs, since the basic sciences and engineering sciences through the specific disciplines of each engineering field and final project.

Research is a permanent component since the initial phase of the engineering and informatics degrees. The Polytechnic School counts with the largest number of individual undergraduate research projects, many of which are focused on real initiatives attuned to demands from the production sector. Through all degree programs students are motivated to develop entrepreneurial skills either by including this subject in

their final projects or by permanent training via courses offered in their programs. Another option is to take advantage in the Permanent Training Program for Entrepreneurs, offered by PUPCR Career Services - PUC Talentos.

International Cooperation and student mobility through the 14 undergraduate programs are intense. With international cooperation agreements in more than 30 countries our students study other languages since they start their program at the university because they are aware that opportunities to develop an international career are open to all of them.

All four graduate degree programs are multidisciplinary and focused on developing researchers to work in various technological areas. Through applied research projects directed to the needs of the society, transformation of research in innovation underlies the development of these programs, collaborating with PUC Agency of Innovation and with companies which are partners with PUCPR Tecnopark.

## *Undergraduate Degrees:*

Computer Science,  
Environmental Engineering,  
Civil Engineering,  
Food Engineering,  
Computer Engineering,  
Control and Automation Engineering,  
Industrial Engineering,  
Electrical Engineering,  
Electronic Engineering,  
Mechanical Engineering  
Chemical Engineering,  
Information Systems,  
Industrial Production Management Technology,  
Digital Games Technology.

## *Graduate Degrees:*

Mechanical Engineering  
(master's and doctorate)  
***Concentration Areas:***  
  
Engineering and Thermal Sciences,  
Mechanics of Solids,  
Fabrication Process.  
  
Industrial and Systems Engineering  
(master's and doctorate)  
***Concentration Areas:***  
  
Automation and Process Control,  
Production Management,  
Logistics.

Health Technology (master's)  
***Concentration Areas:***

Bioengineering,  
Use of Informatics in Health.

Applied Informatics  
***Concentration Areas:***

Software agents,  
Forensic Informatics and Biometry,  
Machine Learning,  
Software Engineering,  
Computer Networks and  
Telecommunications,  
Distributed Systems and Vision,  
Image and Robotics.



# RESEARCH AND INNOVATION

## *Pucpr Agency: A Link Between Academic Innovation And The Production Sector*

PUCPR is the only university in the state of Parana to be granted a seal from ANPEI (National Association for Research and Innovation) for its continuing efforts to implement innovative projects for technological and industrial development in our state and in Brazil. For several years our institution has been investing in its technological assets, building one of the best technological infra-structures for teaching and research in the country.

PUC Agency is directly linked to the Pro-Rectorcy for Research and Graduate Studies stimulating scientific and technological knowledge and promoting its transferring to the production sector, through alliances and strategic partnerships among the University and companies.

Main focus areas of PUC Agency are: agribusiness; food technology; industrial automation; biotechnology; design; energy; pharmaceutical products; logistics; micro technology; information technology and communication; environmental, social and human technologies; educational technologies; management technologies; safety technologies and health.

Such areas are targeted through integrated work with PUCPR master's and doctorate programs providing companies with

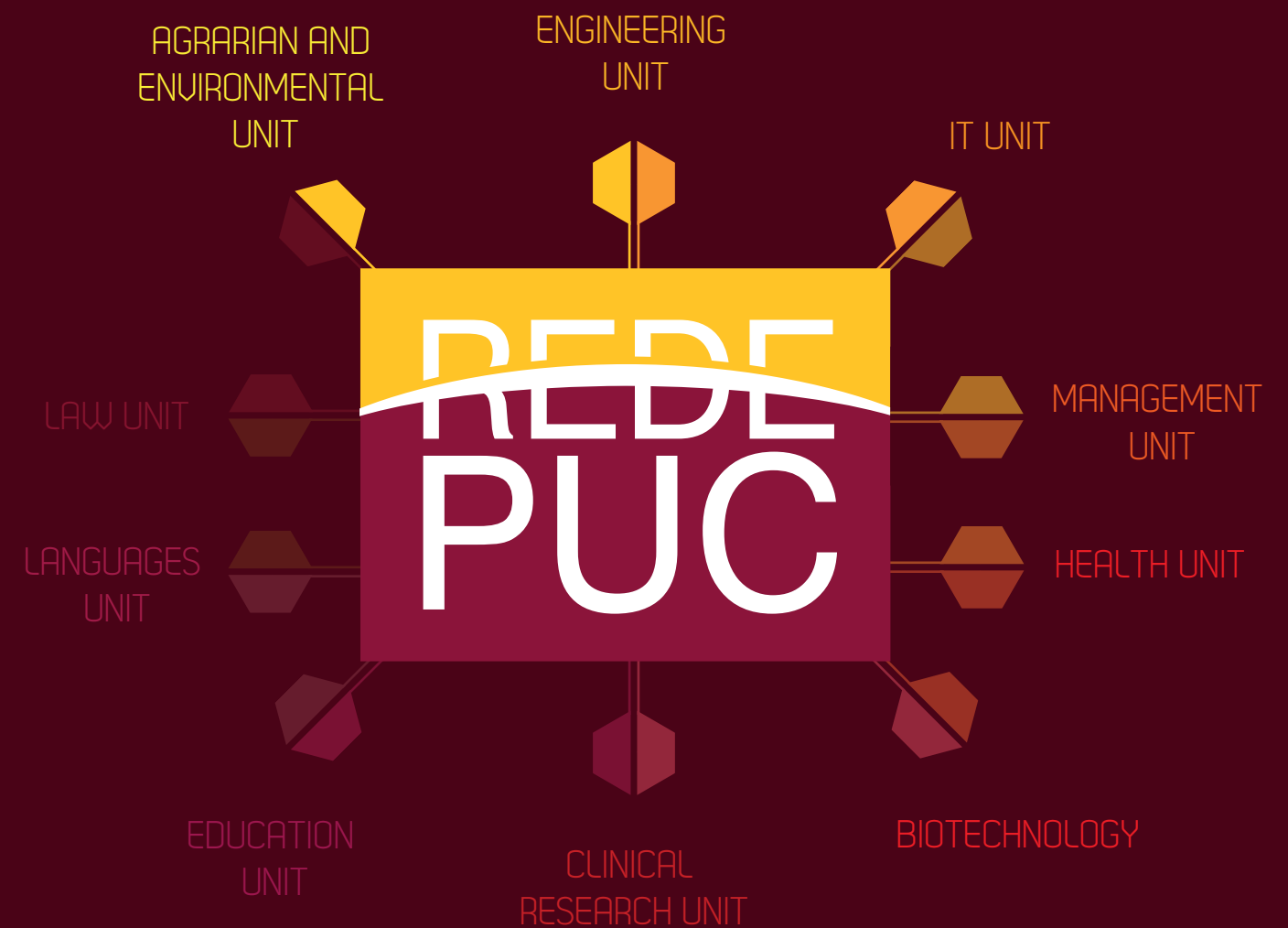
high quality and safe processes taking into consideration the intellectual property requirements of each project, especially in regards to patents and other forms of commercialization and technology transfer. PUC Agency is currently implementing over 2.000 research projects and having approximately 100 patents available for the business sector both in Parana state and Brazil.

### *Scientific vocation and research since the first steps*

PUCPR has a broad research program. With funds from the National Program of Scientific Initiation (PIBIC) and Technological Scientific Initiation (PIBIT), besides scholarships from our own institution near one thousand individual research projects on undergraduate level are developed annually under supervision of one PUCPR professor.

Strict participation criteria requires that the student presents the final project orally and in a Poster Session, which might be in certain instances also delivered in English.

Every year, research projects are evaluated by a committee made of PUCPR faculty and external guests. The 10 best projects are awarded and publicly presented by their authors.





# PUC INTERNATIONAL

Internationalization is one of PUCPR main institutional goals. We are permanently making efforts to expand international cooperation with institutions of higher education around the world in order to provide our students with high quality international education opportunities which will enhance their academic and professional careers.

PUCPR created its own office for international cooperation and exchanges over 20 years ago to fulfill a growing demand for international education opportunities among students and faculty. The international office has been in charge since of developing relationship and cooperation with international higher education institutions and managing the students' flow (both incoming and outgoing mobility). Currently with more than 200 international partner institutions with active exchanges and international cooperation projects in five continents, PUCPR Office of International Cooperation and Exchanges is responsible for implementing exchange agreements and strengthening the relationship with higher education institutions abroad. Our office provides the following services:

- ▶ Identification of potential partner institutions for future cooperation, serving as a liaison between them and PUCPR academic departments to identify common interests.
- ▶ Design of joint short-term study abroad programs, for both incoming and outgoing audiences (summer schools, technical visits, missions) to meet specific needs of PUCPR and partner institutions' various academic programs, on different levels of study (undergraduate and graduate).
- ▶ Promotion of study abroad and exchange opportunities among PUCPR students and faculty.

## *Specific office responsibilities related to student mobility: Outgoing Students:*

- ▶ Selection of qualified students; advising on: selection of suitable institutions for students' academic goals, partner university admission requirements and application process; pre-departure orientation.

## *Incoming Students:*

Processing of applications; liaison among the academic departments, international students and respective international offices from their home institutions; Orientation program focused on new incoming students' cultural and academic adjustment.

**English Semester:** courses taught entirely in English in the business and engineering fields.





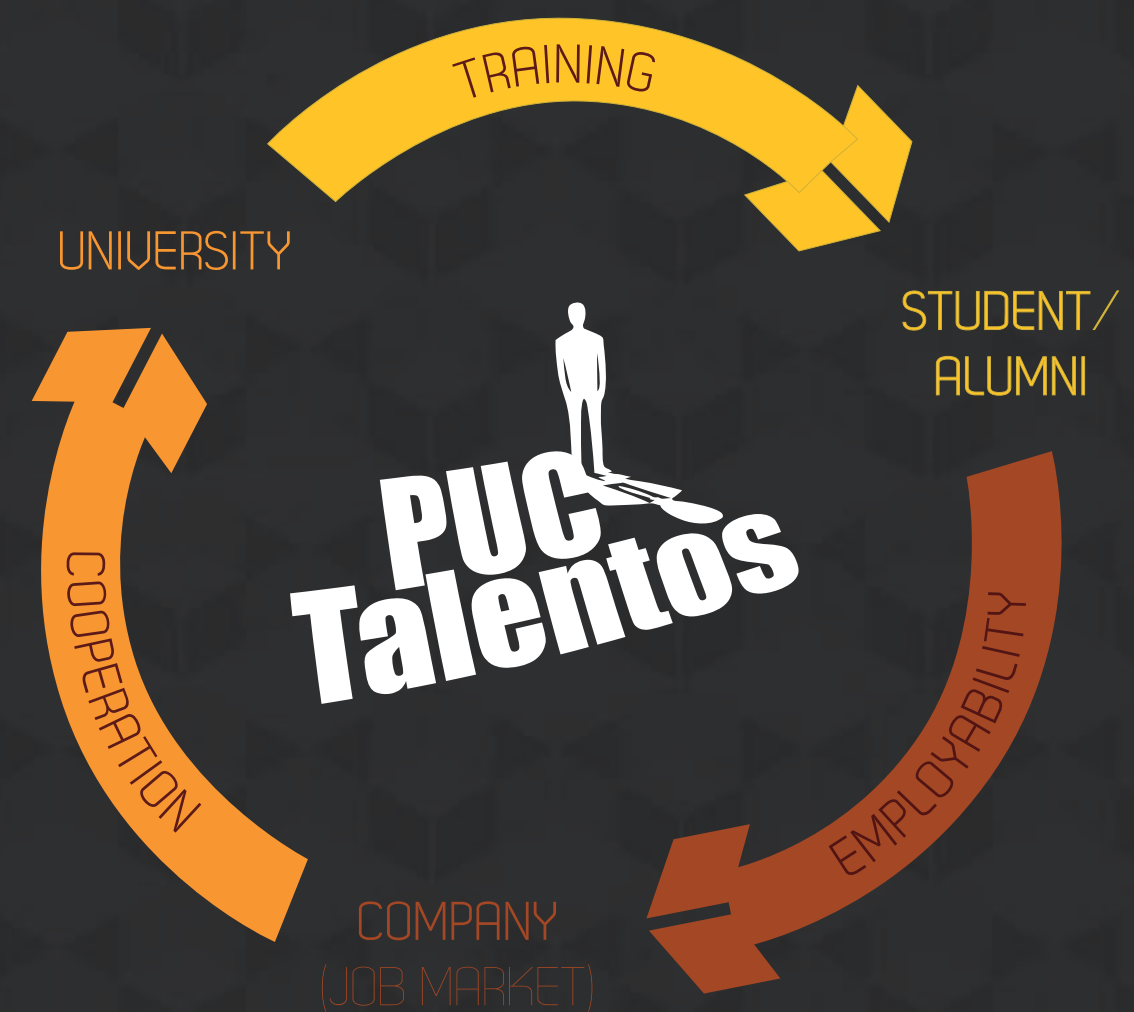
# PUC TALENTOS CAREER SERVICES

PUC Talentos mission is to raise awareness, develop and identify potential talents within the institution. All the activities developed by this unit are continuously focused on education, mentoring and connection with the market. Specific services are directed to students of different study levels: undergraduate and graduate, and also continuing education and alumni. Among the major goals of PUC Talentos is to create opportunities for professional development and appropriate self-management of students' career.

PUC Talentos is organized as a university central office with two major areas working in an integrated manner: Student Services and Job Market Outreach. The central office articulates with all branch offices located at PUCPR Schools (called NEOs - Employability and Opportunities Units), which in turn will present to PUC Talents the specific needs of each particular School. Through that synergy, PUC Talentos develops specific actions and programs towards the professional preparation of students in their future careers.

*Among an array of services continuously offered to students are:*

- ▶ Individual interviews with students and alumni: advising, coaching, professional profile mapping;
- ▶ Entrepreneurship and Leadership ongoing training programs; Project development and offer of job opportunities in local companies;
- ▶ Management of the Honors Companies Program;
- ▶ Annual Job Fair Career Forum with active participation of companies recruiting students and alumni;
- ▶ Lectures and weekly/monthly Seminars promoted on campus regarding career building topics and job opportunities;
- ▶ Employability Observatory, which prospects and evaluates new trends in the job market as well as monitors qualitative and quantitatively employability of alumni from all PUCPR Schools.





# PUCPR'S INFRASTRUCTURE

*PUCPR recognition as one of the main universities in Brazil is due to its infrastructure, developed to foster excellence in education and influence in a decisive way the socioeconomic progress of the community.*



The structure of PUCPR has all the necessary resources for students to develop their learning potential by joining practical and theoretical knowledge, and applying it directly in the job market with all the required guidance.

## *Didactic Technological Labs And Facilities Complex: Education And Research Support*

PUCPR Polytechnic School owns a complex of Technological Labs and Facilities that is considered a national reference of quality and learning adequacy in the fields of engineering and informatics. There, theory and practice are intertwined, and students get all the necessary support for their preparedness to professional life. With its state-of-the-art infrastructure, the Technological Park of PUCPR is made up of four buildings with more than 150 labs and special units, besides four auditoriums. This 16-thousand square meter structure provides facilities for scientific and technological investigation, development and excellence in teaching.

## *Technopark: Technological Innovation*

PUCPR Technopark, a structure supported by PUCPR Agency, is linked to Curitiba Technopark program, which fosters the start-up of technological companies in the city. Curitiba Technopark has been built in an area where important universities of the state are located. As a result, education, research and production are integrated, promoting the progress of the city. Companies interested in developing technology and PUCPR researchers work in common projects. The research and development activities are coordinated by researchers from the university and count on the participation of students in several ways; for example, they might take training programs in companies that are part of the project. This experience makes students become uniquely prepared to participate in the job market. A 10-thousand square meter structure is currently available to the academic community, and an estimated expansion, reaching 15-thousand square meters, is expected in the coming years.



# FLEXIBILITIES OF EDUCATION TECHNOLOGIES

The education technology structure linked to the Academic Affairs, has the objective to enhance the teaching-learning process through technologies applied to education, besides offering faculty support and training for class planning and delivery and other academic activities, both in classroom and distance education.

The intensive use of educational technologies at PUCPR aims at contributing to the quality assurance of academic programs pedagogical projects through new methodologies and technologies originated from Distance Education; allows PUCPR to offer high quality distance programs and contents available nationwide and internationally; research and promote knowledge related to digital educational technologies; develop and provide support to project which involve Educational Technologies and/or Distance Education and finally, contribute to PUCPR's efforts to become recognized as an international reference in this field.

One of the latest highlights in terms of educational technologies is PUCPR distance education platform EUREKA-. This platform was developed inside PUCPR through a multidisciplinary project between the fields of Education and Informatics and is currently used by all institution's students as a virtual classroom. It is also successfully utilized for commercial purposes outside the institution due to a complete and flexible user friendly array of functionalities.



## CENTRAL LIBRARY

Opened in 1994, in an area of 10545 square meters, the Central Library is home to over 1.5 million publications. Its collection is made up of books, complete collections, rare books, maps, slides, magazines, films and videos, CD-ROMs, DVDs, folders, dissertations, theses and several other publications. Its bold architecture turns the library into a special place. Its stained glass windows and panels were conceived by renowned artists of Paraná. The Library Integrated System (SIBI-PUCPR) is comprised of the Central Library and the other campus libraries located in São José dos Pinhais, Londrina, Toledo and Maringá, in addition to Cajuru University hospital. SIBI is connected to Pergamum, one of the most modern management systems in the market, developed by the institution and responsible for the integration and interconnection of all the libraries.



# GRALHA AZUL EXPERIMENTAL FARM:

## INNOVATION AND TECHNOLOGY IN AGRO-LIVESTOCK

Located in Fazenda Rio Grande county, in the metropolitan region of Curitiba, Gralha Azul Experimental farm covers an area of approximately one thousand hectares. It houses a wide variety of projects involving animal and plant production and transformation technologies, besides the development of research in agro-livestock and environmental areas. It is an open laboratory for studies in the field of land sciences. At Gralha Azul Experimental farm, the students participate in practical activities and field experiments related to projects of agro-livestock production. The objective is for students to get in touch with state-of-the-art technologies in this area of knowledge. Thus, it is expected that PUCPR graduates become leaders in their communities, entrepreneurs, co-op high-level staff, farmers, veterinarians, specialists and educators.

### *Veterinarian Hospitals*

PUCPR students of Veterinary Sciences perform their practical activities at the institution's own veterinary hospitals, close to

the academic buildings. The veterinary hospitals are located at the Gralha Azul Experimental Farm (farm animals), São José dos Pinhais (pets) and Toledo (pets).

### *Cetas: Preservation Of Paraná Fauna*

The Center for the Protection of Wild Animals (CETAS) was created to retrieve and house native animals captured in illegal traffic operations. After recovering from mistreatments animals are again placed in their habitat or sent to accredited institutions. PUCPR is the only university in Paraná to offer residency in Veterinary Medicine in dealing with wild animals. By having a laboratory and an outpatient clinic for clinical diagnosis and emergency surgeries, CETAS units located in Toledo and Tijucas do Sul allow Veterinary Medicine and Biology students the opportunity to acquire practical knowledge. Besides, students might take training courses from the freshman year onwards.

## MARINE AQUACULTURE

### *Sustainable Development Of Fishing Activities*

PUCPR coordinates, in a partnership with the government of the state of Parana and public institutions, a unit of research and production in marine aquaculture, along the coast of Paraná, whose main objective is to restore the fishing capacity of Guaratuba Bay. Its central unit, located at Caieiras beach, is used for students to receive theoretical information and perform practical activities in Biological Sciences, Biology and Environmental Engineering Programs. The Center also promotes courses and events in environmental education which encourages interaction with the local community and contributes to other projects related to fishing and Aquaculture in coastal areas of Parana.





# HOSPITAL COMPLEX

Reference in the health area, PUCPR maintains a solid network of university hospitals, made up of five units that provide the practical training required by the related areas, especially Medicine and nursing. In these units, the students, accompanied by professionals and tutors, can apply the knowledge acquired in the classroom in real situation, and also provide service which shows respect for life, for the human being and for society.

# CAJURU UNIVERSITY HOSPITAL

One of the biggest in the south of Brazil, Cajuru University Hospital - HUC - is a traditional multi specialized hospital, focused on emergency and trauma specialties. In its 21,1 thousand square meters, 1,500 professionals, health faculty, clinical staff, and administrative and support sectors employees work. Because it is a university hospital, it offers medical internship and residency in the main areas of Medicine, besides providing an environment and tradition in training in different health areas.

# NOSSA SENHORA DA LUZ HOSPITAL

Nossa Senhora da Luz hospital is one of the few hospitals for the treatment of mental disorders in Paraná. It was founded in 1903 because of the need for specialized care for patients hospitalized in Santa Casa de Curitiba hospital. This history of over a century contributes to the fact that the institution, specialized in psychiatry and chemical dependence (alcohol and drugs), continuously aims at updating teaching, research and social reintegration and offering better care.





# SANTA CASA HOSPITAL

Santa Casa de Misericórdia de Curitiba was the birthplace of PUCPR Medical School. It has approximately 300 beds, 37 of which meant for intensive care. Owing 9 operating rooms, Santa Casa is a model center in cardiology. It has a wide range of different diagnostic and therapeutic services. Santa Casa has built a reputation of excellence based on its medical and surgical clinics and on high complexity services for chest pain, heart surgery and organ transplant. The hospital is highly recognized, as well, by the excellence of its Medical Residencies, and it is considered a hospital-School by official governmental institutions.

# Alto Maracanã Maternity

Opened in 2002, Alto Maracanã Maternity hospital is a unit dedicated to women's health care, offering 40 beds for long term stay in an adjoining house. It is the only maternity hospital in Colombo, in the metropolitan region of Curitiba. Due to the quality of its services, the unit has also taken care of pregnant women living in neighboring counties. Alto Maracanã Maternity hospital aims at providing humane and quality care, with actions designed to encourage breastfeeding.





# CLINICS: SUPERVISED CARE FOR THE POPULATION

---

PUCPR has four clinics to support learning and research. Students enrolled in Physical Therapy, Dentistry, Nutrition and Psychology programs combine academic practice permanently supervised by professionals - to service provided to the population. At the Dental Clinic, about 450 patients receive dental care services every day. The Nutrition Clinic staff provides patients with educative information, individual treatment and special diet planning. The Physical Therapy Clinic has state-of-the-art equipment for learning and practicing techniques, with diagnostic resources, evaluation and therapy unprecedented in Brazil. The Center for Practice in Psychology, which is part of the Psychology Clinic, comprises all the requirements for the psychologists' training.

Such complex of practical units contributes significantly to the accomplishment of the university social mission of offering quality health-related services to the low income population of the city and the surrounding areas.



## UNIVERSITY PHARMACY

---

PUCPR University Pharmacy provides an appropriate environment for the development of activities of voluntary and compulsory training, without losing track of the technical, humanistic, legal and ethical aspects. In addition, it performs the manipulation of allopathic and homeopathic formulas, sells industrial products and perfumes, and performs pharmacotherapeutic monitoring.



# COMMUNICATION CENTER

## *Media Laboratory*

PUCPR Media Lab gives Journalism, Public Relations and Publicity and Advertising students, the ideal environment for the pedagogical practice essential in academic and professional education. There are activities involving graphic production, radio studios (music production and journalism), television and photography, laboratory of opinion research, and media agency. Within a constructed area of approximately 3 thousand square meters, the laboratory equipment is compatible with state-of-the-art material currently used in the market. Thus, students are ready to face the professional reality and are well acquainted with the technological advances related to this area.

## *Lumen Communications:*

Clear Channel Of Social Tuning

Lumen Communications is an open channel of social tuning between PUCPR and the community, fostering knowledge, culture, citizenship and education through media. Three radio stations (Lumen FM, Clube FM and AM) and Lumen TV, which diffuses locally produced contents through two commercial Networks, Canal Futura and Rede Uida Television, compose the Lumen Communications complex.





# LANGUAGE CENTER

PUCPR Language Center offers regular courses in German, Chinese, Korean, Spanish, French, English and Japanese. One of its unique characteristics, however, lies in the development of special curricular courses, prepared to fit the needs of the students. Two examples of this possibility are the courses of Academic and Scientific Writing and Preparation Courses for Language Proficiency Tests (e.g. TOEFL, TOEIC, GMAT, DELE). The main objective of the regular courses offered is the development of fluency and of the ability to express oneself in a foreign language or in Portuguese. Through the presentation of everyday situations, the student improves the four language skills: listening, reading, speaking and writing.



## *Travel School Agency*

PUCPR Travel School Agency provides service to both the internal and external community, offering all the services available at a Tourism Agency. Thus, the students, through supervised training, enrich their Professional education by experiencing the reality of the market. Founded in 2001, it has reservation systems linked to hotels, airline companies and suppliers worldwide. The service is provided by students of Tourism who receive guidance from PUCPR faculty and from employees working for a partner tourism agency.

## *Legal Practice Center: Free Assistance*

At the Legal Practice Center, Law students complete their training through legal assistance. They are responsible for all guidance and legal and social services, always under the supervision of specialized faculty in their areas. The service is part of the free Justice Program, and the screening of recipients is made by a social worker. Similar centers offer service on Curitiba, São José dos Pinhais, Londrina and Maringá campuses.





# LIFE ON CAMPUS: ART, CULTURE, SPORTS AND LEISURE



## *Pucpr Center Of Cultural Affairs*

PUCPR Center of Cultural Affairs encourages the expression of many different artistic forms, such as music, singing, literature, visual arts and drama; various events such as fairs, art exhibits, festivals, shows, expositions and workshops are also held on campus. By promoting these activities, PUCPR participates actively in the cultural life not only in Paraná but also in other states, aiming at connecting science and culture and participating in the development of the society as a whole.

## *University Museum*

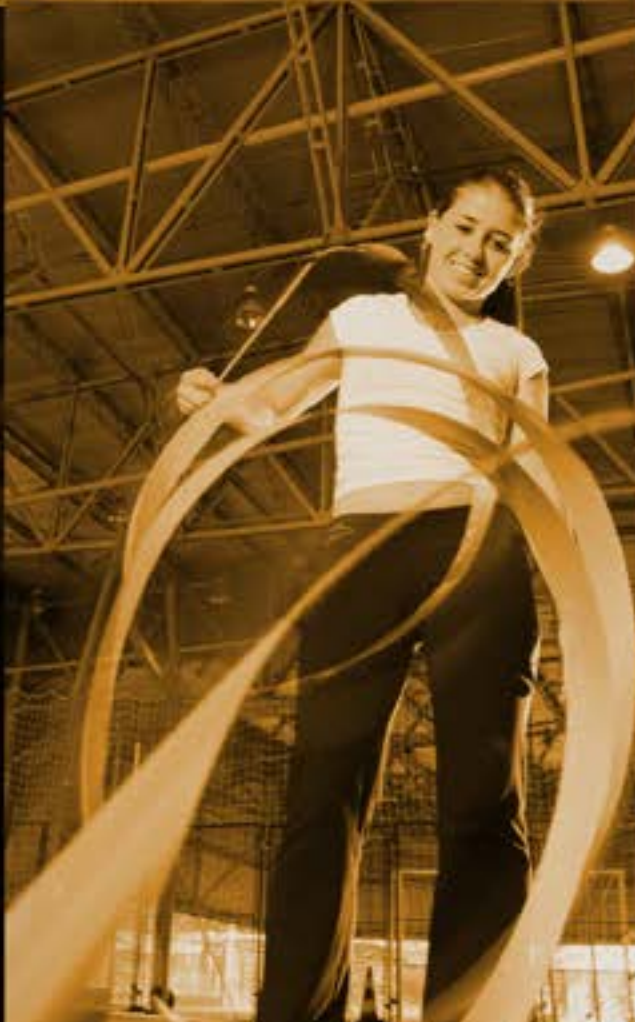
The University Museum of PUCPR was created to promote the scientific and cultural integration of all sectors of the university, based on the idea of universalization of knowledge. However, the area has shown, over time, a prodigious artistic vocation: the majority of its actions was directed to art exhibits, to the promotion of students' exhibits and of works produced by renowned artists, and to major exhibits, such as the national Salon of Religious Art. The museum also preserves the historical memory of the University.

## *Bandeirantes Study Circle*

In 1929, Bandeirantes Study Circle was established in order to encourage the study, research and intellectual production in the state of Paraná. It was incorporated to PUCPR in 1987 as the sponsor of studies, conferences, debates, interdisciplinary and arts' events, and dissemination of culture, especially that of Brazil and Paraná. Its literature collection provides the researcher with hundreds of rare works from the 18th, 19th, and 20th centuries, related to history, Ethnography, Philosophy, Politics, Sociology, Anthropology and Communication.







### *Pucpr Orchestra*

PUCPR Symphonic Orchestra was created in 1999 and has conquered its space as one of the most promising groups on the national scene. PUCPR students and former students, as well as the best musicians of Curitiba's new generation, participate in the orchestra. It aims at spreading out, inside and outside PUCPR, the taste for classical and orchestrated music, and to offering the chance for improvement for young musicians.

### *Tanahora Theater Group*

Since 1980, when it started its activities, Tanahora Theater Group has promoted the integration between the academic environment and the community through artistic activities that provide not only entertainment but also cultural and social reflection. The group has won several awards and has participated in theater festivals in Brazil and abroad.

### *Champagnat Choir*

Champagnat Choir plays a significant role on the music scene due to its dramatic, theater like, presentations, which have been taking place since 1988. It was one of the pioneers in this type of performance, in which the members sing and perform from a script. Scenic marks, costumes, scenarios and lighting components are part of the performance. Founded in 1972, Champagnat Choir consists of PUCPR students, professors, employees and also singers from the community. Its performances have been staged in many theaters in Curitiba and in other Brazilian states.

### *Dance Group*

PUCPR Ballet Group consists of professional ballet dancers and PUCPR students who have the training in the area. PUCPR Ballet Group aims at offering ballet to the academic community and to society as a living form of contemporary lyric art.



# MULTISPORTS CENTER

PUCPR Multisports Center was created in order to support the practical activities of the Physical Education Program, and it offers the community an appropriate place for Sports and Leisure. It has an Olympic swimming pool and a multi-purpose court, for the practice of various types of sports. The gymnasium has room for receiving 2.5 thousand people. There are spaces equipped for practicing gymnastics, weight lifting and martial arts. All this structure is available for students, faculty and staff, as well as for the community. Several professional athletes come to PUCPR for their training.







# SOCIAL COMMITMENT AND EDUCATION FOR SOLIDARITY

*PUCPR, inspired by  
the Marist educational  
mission and by its founder,  
promotes education for  
solidarity and sharing.*

Just like in other parts of the world, where the Marist Brothers' presence is felt, the main concern is to bring people together and mobilize them in order to ensure an educational practice aiming at solidarity.

## *Community Project*

At PUCPR, all undergraduate programs share one common course: Community Project. The university is viewed as a social entrepreneur in the community, for it educates students to be not only skilled professionals, but also participant citizens, committed to building a fair and less unequal country. By means of the Community Project, the university encourages its students to practice social actions through institutionalized activities. Thus, they have the opportunity to get in touch with the social reality of the community in which they live and are encouraged to take action to improve it.



# SCHOLARSHIPS

*Since it was founded, PUCPR has provided financial aid to students who do not have the income to allow them access to quality education. In this way, a large number of students benefit from scholarships.*



Two programs are: The University for all Program, offered together with the federal Government, known as ProUni, and the Program of Educational funding (Rotational Scholarship–Solidarity fund), maintained and administered by the institution itself.

## *University For All Program (Prouni)*

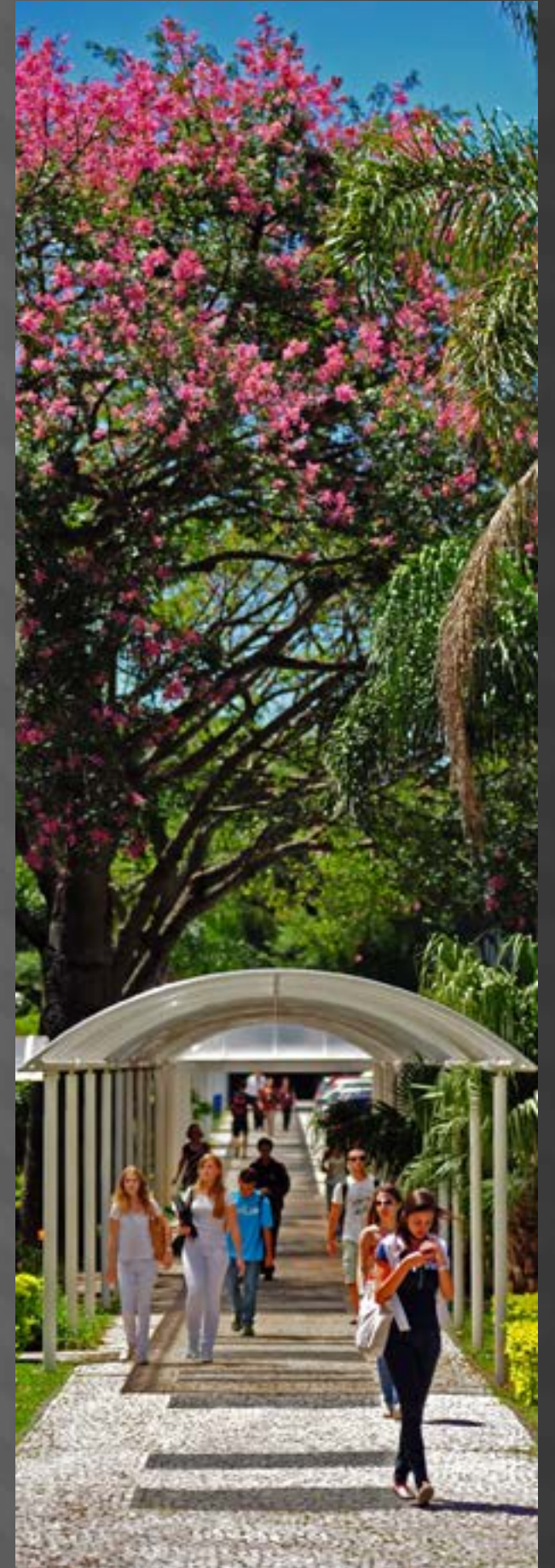
PUCPR joined the Program in 2005 and now it has approximately 3,000 students with total and partial scholarships. Thus, the institution offers a little bit more than 10%—of its vacancies in all courses to students selected by the Program. In order to be selected, the student has to meet the requirements of good performance established by the high School national Exam. As pre-requisites, it requires that the students prove they have taken their high school course in a public school and that the family income is between one and a half and three minimum wages.

## *Educational Funding Program*

It is offered to all students who cannot pay the total cost of tuition. Thus, the student pays for just half of the cost of his–her program while studying, and the other half will be paid after graduation. It is a kind of rotational educational funding because, after graduation, funding is granted to other students. In some special cases, funding might be expanded. The federal Government has a similar educational funding, known as FIES.

## *Other Benefits*

PUCPR also offers students other benefits, such as scholarships, which aim at helping students who hold the same socioeconomic profile required by ProUni, granting financial support to students with high academic performance.





# COMMUNITY AND ENVIRONMENTAL ACTIONS

## Pro-Action Units

PUCPR has a social commitment to the sustainable local development of the communities it belongs to. The Pro-action units also offer educational and social services focused on children and teenagers, developing activities that promote social inclusion concerning health, the environmental and educational areas. The main units are located in Tijucas do Sul, São José dos Pinhais, Fazenda Rio Grande and Guaraqueçaba counties.

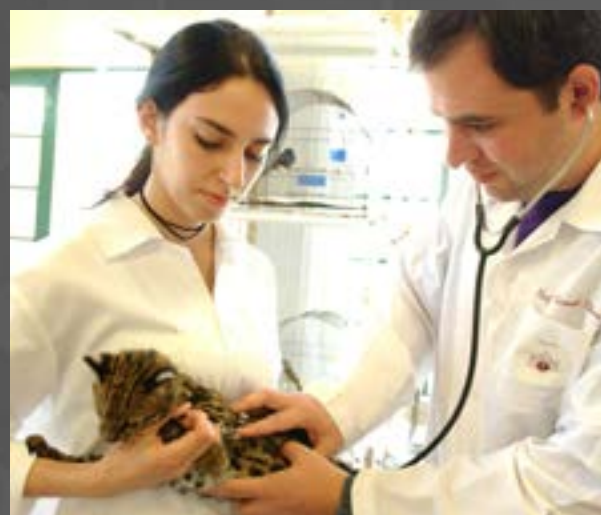
## Ecohabitare: Sustainability In Civil Construction

Ecohabitare program guides the projects developed by students of Civil Engineering, Architecture and Urban Planning, Industrial Design, Biology and Environmental Engineering programs, focusing on low environmental impact in construction through the use of new technologies. It is developed by an interdisciplinary and inter-institutional team and it aims at offering different techniques in the construction of popular homes by introducing different types of materials and technologies.

## Project Embrace This Cause:

The Revitalization Of Belém River

Embrace This Cause is a project developed by Lumen Communication Group, whose goal is to promote the educational and environmental awareness of citizens and companies, with actions focused on the preservation of the environment; more specifically, the focus is the revitalization of Belém River, the main river of Curitiba, which crosses PUCPR Campus and has become extremely polluted due to urban development.



# CAMPUS MAP

## Contacts:

PUC International

Rua Imaculada Conceição, 1155 –

Prédio Administrativo, 3º andar

CEP 80215 901, Curitiba, PR, Brasil

Phone: 55 41 3271 1556, Fax: 55 41 3271 1641

[pucpr.br/intercambio](http://pucpr.br/intercambio)

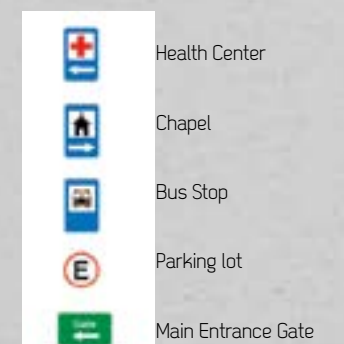
[international@pucpr.br](mailto:international@pucpr.br)

## Pontifícia Universidade Católica do Paraná: Curitiba Campus



1. Technological Labs and Facilities Complex
2. Law school and School of Communication & Arts
3. School of Medicine and School of Health and Biosciences
4. Polytechnic School and School of Architecture & Design
5. School of Education & Humanities
6. Registrar's Office
7. Dental Clinic
8. Pastoral Work
9. Library
10. Open-air Theater
11. University Museum

12. University Parish and Chapel
13. Central Administration Building
14. Business School
15. Indoor Courts
16. Sports Complex
17. Indoor Swimming Pool
18. Tennis Courts
19. Fitness Center
20. Community Project Center
21. Legal Practice Center
22. Technopark







**PUCPR**  
GRUPO MARISTA