TRANSFORMATIVE RESEARCH



FROM THE GENERAL SECRETARY'S OFFICE, WE SUPPORT RESEARCH WORK BY PROVIDING THE RIGHT INTERNAL PROCESSES FOR OUR PROFESSORS TO ALWAYS RELY ON INSTITUTIONAL SUPPORT IN CARRYING OUT THEIR SCIENTIFIC ACTIVITIES AND PROJECTS



Photos by Alberto Sierra / Leonardo Parra



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THE UNIVERSIDAD DEL ROSARIO INVESTS MORE THAN 11,455,000 U.S. DOLLARS IN RESEARCH ANNUALLY. THIS SUM SHOWS UP IN SUPPORT FOR RESEARCHERS AND THEIR RESEARCH TEAMS, LABORATORIES WITH THE MOST MODERN HIGH-TECHNOLOGY EQUIPMENT, AND A MOTOR FOR PROGRESS THROUGH ALL THE MECHANISMS NEEDED TO SUPPORT A COMPETITIVE RESEARCH ENVIRONMENT

> Miguel Francisco Diago Vice President for Financial and Administration

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WE ARE COMMITTED TO HIGH QUALITY INTERDISCIPLINARY **RESEARCH ON A COOPERATIVE BASIS, AND WITH THE GOAL OF UNDERSTANDING AND FINDING SOLUTIONS TO THE MOST URGENT SOCIAL PROBLEMS OF OUR SOCIETY. WE ALSO BELIEVE IN FORMATIVE RESEARCH SO WE CAN LEAVE A LEGACY TO FUTURE GENERATIONS OF SOCIAL RESEARCHERS. SETTING** THE MOST AMBITIOUS GOALS AND IN ACCORDANCE WITH **A COMPELLING SOCIAL** CONSCIENCE

Carlos Patarroyo Dean of the School of Human Sciences



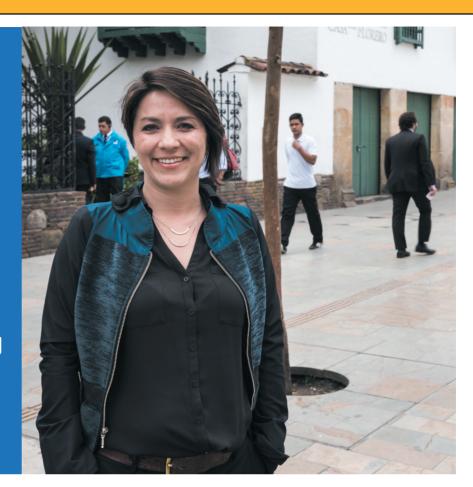
ADVANCES IN SCIENCE

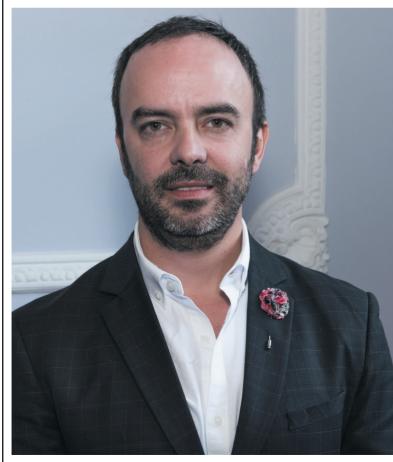
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THE COLOMBIAN POLITICAL SITUATION IS EXCEPTIONAL IN THE REGION AND REFLECTS MANY OF THE PROBLEMS BEING EXPERIENCED IN THE WORLD TODAY. WE TRY TO STIMULATE OUR PROFESSORS'DESIRE TO SHOW HOW THE COLOMBIAN EXPERIENCE CAN HELP US UNDERSTAND, BOTH THEORETICALLY AND EMPIRICALLY, THE POLITICAL PROBLEMS BEING EXPERIENCED AROUND THE WORLD

Mónica Pachón

Dean of the Faculty of Political Science Government, and International Relations





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THE FACULTY OF ECONOMICS HAS BEEN A CLEAR LEADER IN ECONOMIC RESEARCH IN COLOMBIA OVER THE LAST 20 YEARS. WE ARE WORKING TO BECOME A LEADER IN LATIN AMERICA IN QUALITY ACADEMIC RESEARCH IMPACTING THE REALITY OF NATIONAL STATE POLICIES

Carlos Eduardo Sepúlveda

Photos by Alberto Sierra / Leonardo Parra



THE RESEARCH CARRIED OUT AT OUR SCHOOL TRANSFORMS SOCIETY IN A POSITIVE SENSE



Dean of the School or Management and Business

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OUR FACULTY IS STRENGTHENING TOP-LEVEL RESEARCH AND IMPACTING SOCIALLY

> Juan Carlos Forero Dean of the Faculty of Jurisprudence



ADVANCES IN SCIENCE

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WE RECOGNIZE AND BUILD ON THE STRENGTHS OF OUR HISTORY AND ACCOMPLISHMENTS IN LEGAL RESEARCH, AND WE ARE WORKING TO POSITION OURSELVES AS A GROUP OF ACADEMICS WHO DEFINE AND INVESTIGATE THE PROBLEMS RESEARCH UNCOVERS

> **Lina Céspedes** Vice Dean of the Faculty of Jurisprudence





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TODAY'S RESEARCH IN HEALTH SCIENCES IS TRANSLATIONAL, WHICH COMBINES BASIC RESEARCH WITH ITS CLINICAL APPLICATION AND FEEDS BACK FROM CLINICAL PRACTICE TO RESEARCH. SO, CREATING THE FIRST TRANSLATIONAL MEDICINE INSTITUTE IN LATIN AMERICA IS THE SCHOOL OF MEDICINE'S IS THE SCHOOL OF MEDICINE AND HEALTH SCIENCES' BIGGEST COMMITMENT

Gustavo Quintero

Dean of the School of Medicine and Health Sciences

Photos by Alberto Sierra / Leonardo Parra



44

RESEARCHERS AND RESEARCH TEAMS FORM THE FOUNDATION OF THE TEACHING MODEL BEHIND COMPREHENSION IN OUR UNDERGRADUATE AND GRADUATE PROGRAMS. RESEARCH RESULTS ARE FOCUSED ON SOLVING HEALTH PROBLEMS FOR PEOPLE IN THE CLINICAL AND COMMUNITY SPHERE

> **Ana Isabel Gómez** Vice Dean of the School of Medicine and Health Sciences

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RESEARCH IN THE FACULTY HAS BEEN TRANSFORMED THOUGH A NEW UNDERGRADUATE PROGRAM IN **BIOLOGY (FEBRUARY, 2014) AND APPLIED** MATHEMATICS AND COMPUTER SCIENCE (FEBRUARY. 2017). OUR INTERNATIONAL SEARCH FOR NEW **PROFESSORS IN THE FIELD HAS BEEN CONDUCTED** ACCORDING TO AREAS OF SPECIALIZATION: IN **BIOLOGY: ECOLOGY, ECO-SYSTEMIC SERVICES,** EVOLUTION AND MOLECULAR BIOLOGY, HEALTH AND SUSTAINABILITY, ENVIRONMENT AND SOCIETY; IN MASTER OF ACCOUNTANCY, DIGITAL SECURITY, DATA SCIENCE, ARTIFICIAL INTELLIGENCE, COMPUTATIONAL PHYSICS, ACTUARIAL SCIENCE, MODELING AND SIMULATION FOR SOCIAL SCIENCES. IN BIOLOGY, OUR PUBLICATIONS IN HIGH QUALITY INTERNATIONALLY-INDEXED JOURNALS INCREASED FROM 9 IN 2013 TO 24 IN 2014, 28 IN 2015 AND 48 IN 2016. THE QUALITY OF THE PUBLICATIONS HAS INCREASED, OUR PRESENCE IN JOURNALS RANKED IN THE FIRST QUARTILE (Q1) RISING FROM 66.7% IN 2014 TO 80.0% IN 2016

> **Mauricio Linares** Dean of the Faculty of Natural Sciences and Mathematics

