



UNIVERSIDAD ANDRÉS BELLO

Septiembre 2022

UNIVERSIDAD ANDRÉS BELLO

It is a private university founded in Santiago in 1988. Its name is inspired by Andrés Bello, humanist, politician and jurist. One of the most influential intellectuals of the nineteenth century. He was professor at National Institute and Rector of University of Chile. In addition to its contribution to education and culture, he played a prominent role in Chilean institutionally.



ABOUT US

Our Mission

We wish to offer an enriching educational experience tailored for a globalized world. Supported by critical thinking and the continuous generation of knowledge through research.

Our Institutional Vision

We wish to be recognized as one of the best universities in Chile.

We thrive through the sharing of knowledge. We strongly believe that global alliances will strengthen the depth and reach of our research and our opportunities to teach.

Our Values

The pursuit of the common good through the advancement of knowledge, the care for our community, the care for the environment and the cultivation of long-term relationships based on a thirst for learning.



ABOUT US

We strive to provide a quality education for our students at both the undergraduate and graduate level. We award Bachelor, Master's, Doctorate, and professional degrees, including certifications and diplomas.

We wish to give our students an educational experience that helps them prepare for a future where innovation, entrepreneurship, cultural diversity, critical thinking, and flexibility are necessary tools to thrive in a global world.

We want to be part of the advancement of both applied and theoretical knowledge, through research in both academic and professional areas.



We want to be of service to our communities through our research, therefore, it is of the utmost importance that the scientific rigor is followed.

We believe that our work must have a positive impact in the communities that surround us.

We believe collaborative work is paramount to learning, research and development.

We believe that international standards and metrics are a way to maintain our effectiveness and efficiency.

OUR GUIDING PRINCIPLES:

Drive towards excellence.

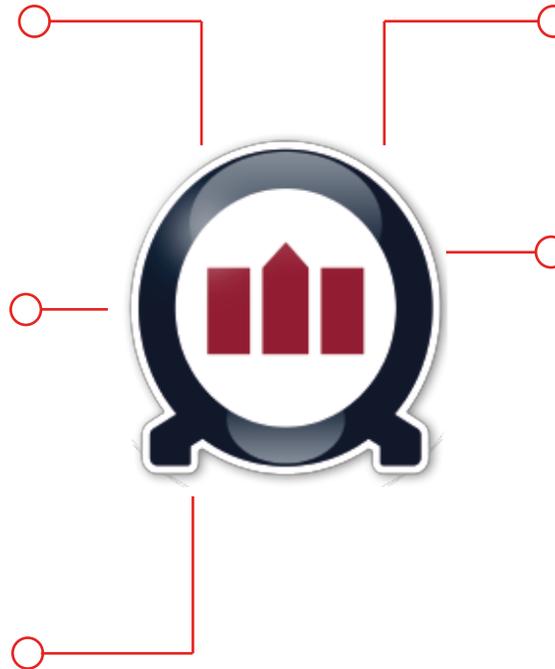
We have a passion for doing things well, with a strong spirit of self-criticism, looking for continuous improvement.

Accountability.

We believe in being responsible for our own actions, understanding that the benefits of a good education should have an impact on society.

Diversity and Inclusion.

We welcome all. We are respectful and tolerant of all ideas and creeds.



Student Centered.

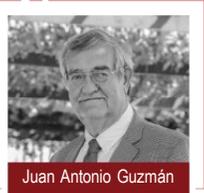
Students are at the center of all our endeavors.

Honor.

We value honesty and trustworthiness. We expect an ethical behavior of all our members, as reflected on our honor code.

UNAB Leadership Board of Directors

Board of Directors



Juan Antonio Guzmán

Chairman



Jorge Selume

Vicechairman



Manuel Krauskopf



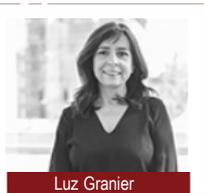
Patricia Arancibia



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Jorge Selume A.



Luz Granier



Alejandro Álvarez



Ricardo Berckemeyer



Bruno Philippi

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Provost



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General Counsel



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Dean of Research



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Gerald Pugh
Vice president for Viña del
Mar Campus



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Vice president for
Concepción Campus



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Dean of School of
Rehabilitation Sciences



Alfredo Molina
Dean of School of Life and
Biomedical Sciences



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Dean of Law School



Mónica Canales
Dean of Nursing School



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Dean of School Social
Sciences and Education



Pierre Paul Romagnoli
Dean of School of
Sciences



Miguel Vargas
Dean of School of
Economics and Business



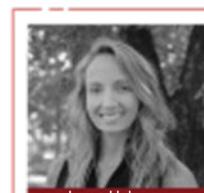
Ricardo Abuauad
Dean of School of Creative
Arts



Alejandro Caroca
Dean of Engineering
School

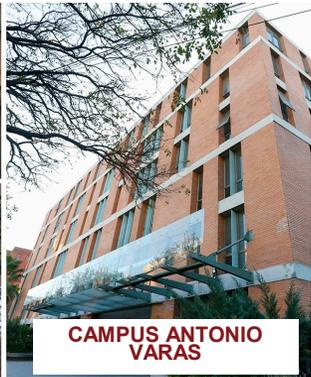
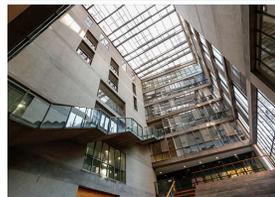


Patricio Burdiles
Dean of Medical School



Joyce Huberman
Dean of School of Dental
Medicine

UNAB has 9 campus in the 3 biggest cities



Our students and graduates



Total of **57.810** UNAB students

50.242

Undergraduate students

7.323

Master students

245

PhD students

Concepción



12%

Viña del Mar



20%

Santiago



68%

**STUDENTS
BY
CITY**



Our students and graduates



43.000+

students currently awarded with UNAB scholarships and benefits



57,4%

of the undergraduate students are the first generation to attend college

New students according to school:



22,6% Private school

58,6% Semi - Private school

18,8% Public school



For 11 consecutive years, UNAB is the institution with the most application for the Unique Access System of Chilean universities.

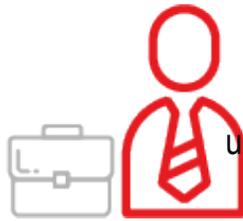
Our students and graduates



83.000+
Alumni

23.000+
graduate alumni



 **9 out of 10**
undergraduate students find a
job first year of graduate
2021 average

Programs and faculty

OUR FACULTY

5.019
academics

 **80,7%**
FDE with Graduate degrees

OUR ACADEMIC DEGREES

63 

Undergraduate programs

33 

Masters

8 

Medical specialties

8 

Dental specialties

11 

PhD programs

PhD

11

PhD programs

8

Accredited programs

393

Alumni

245

PhD students

31%

Foreign PhD students



5 years Institutional Accreditation
by the Chilean National
Accreditation Commission (CNA)

2018-2022

UNAB quality assurance system
design Accredited by The National
Agency for Quality Assessment and
Accreditation of Spain (ANECA).

8 years International Accreditation by
MIDDLE STATES COMMISSION ON
HIGHER EDUCATION

2020 -2028

First Chilean Private University to
become accredited in Research.

Positions International Rankings

One of the 4 Chilean universities recognized by Shanghai Ranking

ACADEMIC RANKING OF WORLD UNIVERSITIES (ARWU) 2022

One of the most prestigious research rankings in the world

1st Place In Chile

TIMES HIGHER EDUCATION IMPACT RANKING 2022

Based on the fulfillment of the Sustainable Development Goals through research, engagement with the environment and institutional management.

3rd Place In Chile

NATURE INDEX RANKING 2022

Nature Index measures annually the scientific output of institutions and countries based on the number of scientific articles and papers published in leading journals.

4th Place In Chile

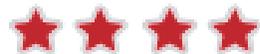
UNIVERSITY RANKING BY ACADEMIC PERFORMANCE (URAP) 2021

This ranking measures the research performance of three thousand institutions worldwide, including 29 Chilean universities.

QS Stars University Ratings



UNAB scored 5 stars in the following categories: Online learning, Inclusiveness, Employability, and Social Responsibility.



4 stars in Teaching and Internationalization

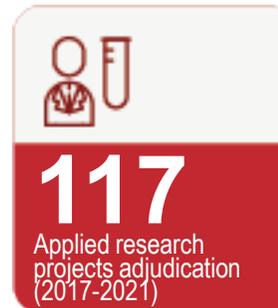
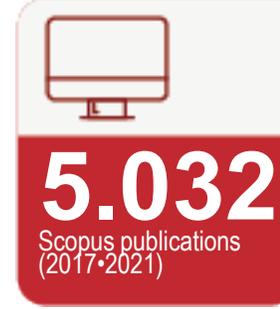


Research and innovation as a key institutional pillar

4th place in Chile in
papers indexed in Web of
Sciences and Scopus.

**UNAB is #1 in Private
Universities.**

More than 50% of the
publications are in
collaboration with
Universities from different
countries and continents.



Research and innovation as a key institutional pillar



- 

Marina Quintay
Research
Center
- 

Plant
Biotechnolo
gy Center
- 

Energy
Transformat
ion Center
- 

Center for Urban
Research for the
Development, Habitat
and Decentralization
- 

Institute of
Sciences of the
Rehabilitation
and Exercise
- 

Center for
Bioinformatics
and integrative
biology
- 

Institute of
Biomedical
Sciences
- 

Center for
Systems
Biotechnology
- 

Research
Center for
Sustainability
- 

Center for
Theoretical And
Computational
Chemistry
- 

Technological
Institute for
Innovation in Health
& Wellness
- 

Center for
Territorial and
Urban
Research
- 

Center for
Applied
Nanoscience
- 

Logistic and
Transportati
on Center
- 

Astrophysics
Institute

Research: strong programs in life sciences and exact sciences



Cell
A global metagenomic map of urban microbiomes and antimicrobial resistance

Graphical abstract

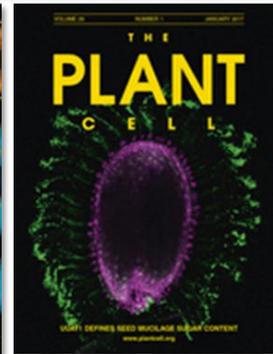
- 60 Cities
- 4,728 Samples
- 8 Trillion bases
- 31 Core Taxa
- 748 Bacteria
- 10,928 Viruses
- Drug Resistance
- Regional Signatures
- 838,532 CRISPR Arrays

Authors: David Danko, Daniela Bezdán, Evan E. Ahnhil, ..., Ribo Zhu, Christopher E. Marx, The International MetaSUB Consortium

Correspondence: chen2942@med.cornell.edu

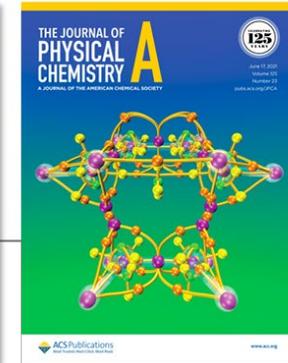
In brief: This systematic, worldwide catalog of urban microbiomes represents a metagenomic atlas important for understanding the ecology, virulence, and antibiotic resistance of city-specific microbial communities.

French genome
 Prokaryote genome
 LAY 10k genome



Genomics, Bioinformatics, Veterinary, Neuroscience, Biotechnology, Microbiology, Biomedicine, Plant Biology, among others.

Astrophysics, Chemistry, Physical Chemistry, High Energy Physics.



ASTRONOMY
ASASSN-15lh: A highly super-luminous supernova

Sibo Dong,¹ B. J. Shappee,² J. L. Prieto,³ S. W. Jha,⁴ K. Z. Stanek,^{5,6} T. W. S. Balmain,^{7,8} C. S. Kochanek,^{9,10} T. A. Thompson,¹¹ N. Morrell,¹² I. B. Thompson,¹³ U. Basu,¹⁴ J. F. Beacom,^{15,16} D. Bersier,¹⁷ J. Brinkmann,¹⁸ J. S. Bruneau,¹⁹ J. Bufano,²⁰ Ping Chen,²¹ R. Consett,²² A. B. Danilov,²³ E. Falco,²⁴ D. Grupe,²⁵ S. Klyota,²⁶ G. Masi,²⁷ B. Nicholls,²⁸ J. Ojaveer,²⁹ G. Pignata,^{30,31} G. Pojmanski,³² G. V. Simonian,³³ D. M. Szczygiel,³⁴ P. R. Woźniak³⁵

We report the discovery of ASASSN-15lh (SN 2015la), which we interpret as the most luminous supernova yet found. At redshift $z = 0.2326$, ASASSN-15lh reached an absolute magnitude of $M_{\text{bol}} = -23.5 \pm 0.1$ and bolometric luminosity $L_{\text{bol}} = (2.2 \pm 0.2) \times 10^{47}$ ergs s⁻¹, which is more than twice as luminous as any previously known supernova. It has several major features characteristic of the hydrogen-poor super-luminous supernovae (SLSN-I), whose energy sources and progenitors are currently poorly understood. In contrast to most previously known SLSN-I that reside in star-forming dwarf galaxies, ASASSN-15lh appears to be hosted by a luminous galaxy ($M_r = -25.5$) with little star formation. In the 4 months since first detection, ASASSN-15lh radiated $(1.1 \pm 0.2) \times 10^{57}$ ergs, challenging the magnetar model for its engine.

Within the past two decades the highly normal SNe, SLSN-I are classified by their spectra

We obtained an optical spectrum (3700 to 9200 Å) of ASASSN-15lh on 21 June 2015 with the du Pont 100-inch telescope. The steep spectral slope with relatively high blue flux motivated Spectral Energy Distribution and Optical Telescope (SUDOT) X-Ray Telescope (XRT) (Z) target-of-opportunity observations starting on 24 June 2015. The rebinned SUDOT light curve spanning from the ultraviolet (UV) to the optical (3000 to 9000 Å) is shown in Fig. 1. The SUDOT spectral energy distribution (SED), peaking in the UV, indicates that the source has a high temperature. We derive a $\tau = 0.1$ s and a flux limit of $<1.6 \times 10^{38}$ erg s⁻¹ cm⁻² (0.3 to 10 keV) from a total XRT exposure of 81 ks taken between 24 June and 18 September 2015.

The du Pont spectrum is mostly featureless (Fig. 2A, first from the top), except for a deep, broad absorption trough near ~ 5000 Å (observer frame). SUDOT (Z), a commonly used SN classification software that has a spectral library of most types of supernovae, failed to find a good SN match. However, we noticed a resemblance between the trough and a feature attributed to O II absorption near 4100 Å (rest frame) in the spectrum of PTF09ev/SN 2009p, a SLSN-I at $z = 0.280$ (Z. J. 15). Assuming that the ASASSN-15lh absorption trough (full width at half maximum of $\sim 10^4$ km s⁻¹) was also due to the same feature

We are members of the ATLAS collaboration at CERN, the place where the Higgs Boson was discovered.

ATLAS
Discover the ATLAS Experiment

The Detector, The Physics, The Collaboration

ATLAS Experiment | © 2011 CERN

UNAB has developed strong ties to key partners

RESEARCH KEY PARTNERS

UC DAVIS



ACADEMIC AND INSTITUTIONAL AGREEMENTS WITH PRESTIGIOUS PARTNERS



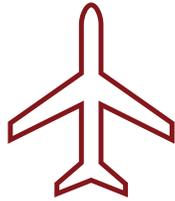
UNAB is the host in Chile of Global Compact



Aligned with its commitment to sustainable development, UNAB consolidated the alliance with Global Compact (United Nations) as the host in Chile.

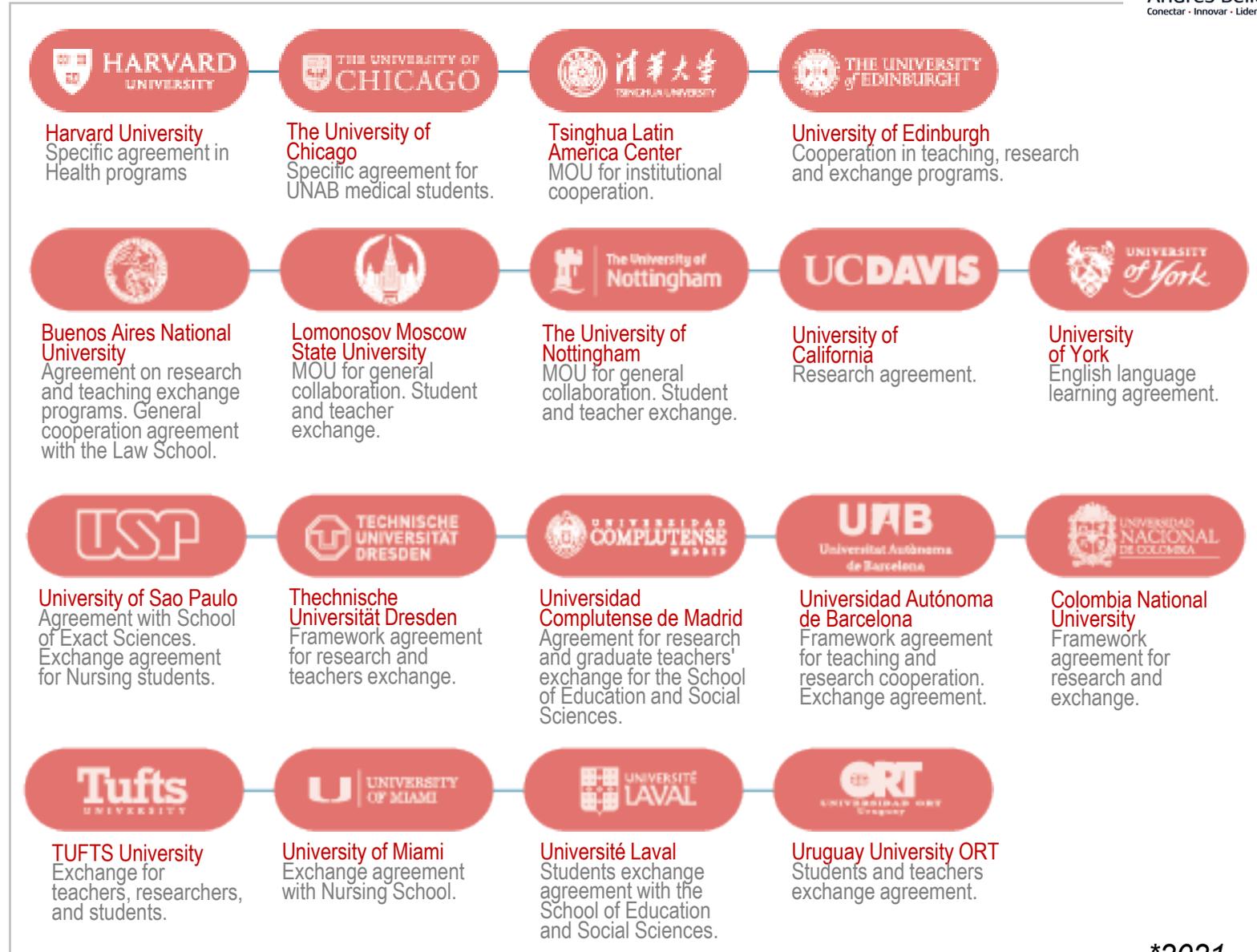


Internationality as part of UNAB academic model



**Over 320 agreements
with leading universities
world-wide**

Our students can study in institutions ranked among the best in the world according to the QS WORLD UNIVERSITY RANKING



Internationality as part of UNAB academic model





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