

2016

ICREA MEMOIR

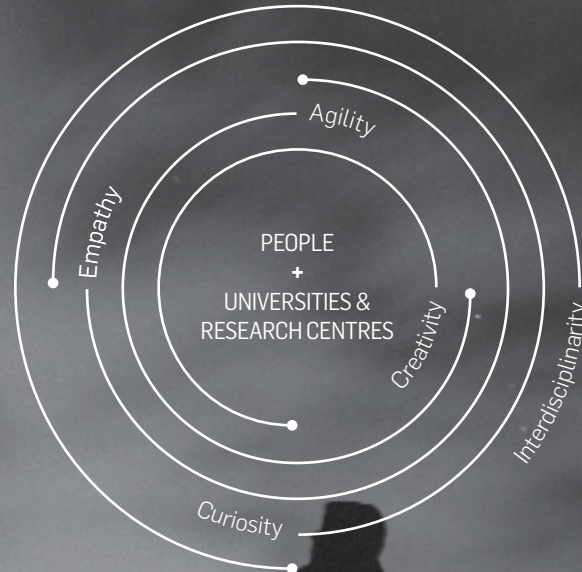
A year in review



15 YEARS
2001-2016

ICREA

ICREA gathers a community of top scientists and academics from all over the world who work in the Catalan research ecosystem. The community pursues research on the frontiers of knowledge, across all academic disciplines, from philosophy to astrophysics.



Excellence

ICREA has been instrumental towards the academic recognition achieved by Catalan research over the last 15 years.

ICREA RESEARCH PROFESSORS

There are 258 ICREA Research Professors hired by ICREA after a highly competitive selection process.
At the time of hiring, half of them were working abroad, mainly in USA, UK and Germany.

258

ICREA Research
Professors

28

Nationalities
represented



These are a few ICREA
Research Professors
who received awards
in 2016:



ANTONIO ACÍN
AXA Chair



EDUARD BATLLE
Premio de Investigación
Biomédica de la
Fundación Lilly



MANEL ESTELLER
Medalla d'Honor del
Parlament de Catalunya
Premi Nacional de Recerca
Premi Internacional
Catalunya



FRANK KOPPENS
Premi Nacional de Recerca
al Talent Jove



BEN LEHNER
EMBO Gold Medal



NÚRIA LÓPEZ-BIGAS
Premi Banc Sabadell a la
Investigació Biomèdica



ALBERT MARCET
Premi Rey Jaime I de
Economia

Talent

ICREA Research Professors received in 2016 major awards and honours for their contribution to the advancement of humankind through outstanding research.

ICREA ACADEMIA

Since 2008, ICREA also supports the most promising professors in Catalan public universities to intensify their research activities.

ICREA Academia grantees are in a fully active and expansive phase of their research career.

They represent 1.5% of all academics in Catalonia. At the end of 2016, there are 113 active ICREA Academia grants.

209

ICREA Academia
grants to date

5

year grant

7

Public universities
in Catalonia

113

Active grants

1.5%

of all academics
in Catalonia

Universitat de Barcelona (UB)

Universitat Autònoma de Barcelona (UAB)

Universitat Politècnica de Catalunya (UPC)

Universitat Pompeu Fabra (UPF)

Universitat de Lleida (UdL)

Universitat de Girona (UdG)

Universitat Rovira i Virgili (URV)

Collaboration

Science has no frontiers.

Catalan universities collaborate with a rich network of universities worldwide.

THE PLACE TO BE

In 2016, 49 host institutions, both universities and research centres, are hosting ICREA Research Professors in Catalonia. They are outstanding places to do research, bringing the most talented global scientists year after year.

49

Host institutions

9

Universities

40

Research centres

11



Hold Severo Ochoa
Centres of Excellence
Awards

6



Hold Maria de Maeztu
Units of Excellence
Awards



Prestige

A network of reputed universities and research centres at the forefront of science attracting top academics from all over the world.

SCIENCE THAT COUNTS

ICREA Research Professors are an employment powerhouse. In 2016, each of them brought to Catalonia 288,000 euros of external funding, roughly four times their cost. Moreover, each of them kept an average of 6.5 full-time jobs directly supported by research grants, all of them highly qualified. ICREA Research Professors participate in 20 spin-off companies, of which 2 were created in 2016. These companies have raised so far a total of 85 million euros from investors worldwide.

74M€

Funds

50%

European Commission grants (mostly ERC)

25%

Spanish national research funds

20

Spin-off companies since 2001

288k€

Funds attracted by each ICREA Research Professor

6.5

Average of full-time jobs maintained



1 in 3 ICREA Research Professors obtained an ERC grant

85M€

Raised capital since 2001

Contribution

Since its creation in 2001, ICREA Research Professors have attracted over 600 million euros in research funds to Catalonia. The accumulated cost of ICREA is 210 million euros.

WORKING HARD

ICREA Research Professors are extremely active academics.

In 2016, they published 32 books, 133 book chapters and 1,709 papers of which 90% were in the first quartile.

In 2016, ICREA papers were cited 2.5 times more than the average paper in each discipline.

Four ICREA Research Professors among the world's most cited researchers in 2016, according to Thomson Reuters.



JOSEP DALMAU
IDIBAPS



MACIEJ LEWENSTEIN
ICFO



JOSEP M. LLOVET
IDIBAPS



SERGEI ODINTSOV
CSIC-ICE

2,030

Total publications

163

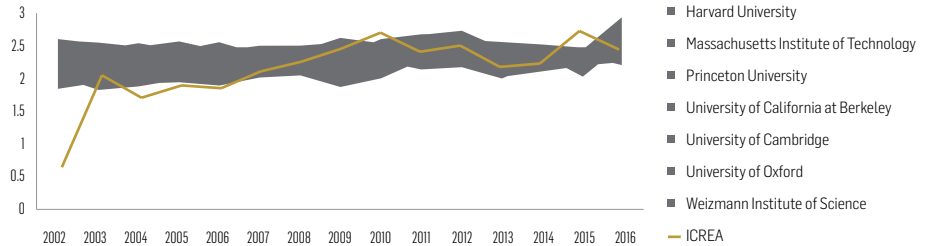
PhD theses

90%

Publications in first quartile

ICREA is amongst the leading research institutions in the world

FIELD-WEIGHTED CITATION IMPACT



Quality

ICREA Research Professors produce a large amount of high profile publications of all kinds and are an extremely influential scientific community.

ANNA ALBERNI
Humanities
UB



“

In a good book, the editor's work is invisible, but it proves crucial for the quality of the text. This is precisely what ICREA does to research”

JOAN SEOANE
Life & Medical Sciences
VHIO



“

*I would have never come back
to Barcelona had it not been
for ICREA ”*

CLIVIA SOTOMAYOR

Engineering Sciences
ICN2



“

*ICREA **I**s a dream organisational example of **C**larity in its mission within the Catalan **R**esearch system, enhanced by a most **E**fficient, supporting and visionary team, encouraging its researchers to **A**spire to new heights ”*

LESS IS MORE

ICREA has the tiniest executive team in the known universe: whilst the community keeps growing, only six people run ICREA on a daily basis.

97%

Researchers salaries

1.7%

Evaluation, selection
and running costs

1.3%

Admin. salaries

100%



Generalitat de Catalunya
Government of Catalonia

CHECK THE FULL VERSION AT:

www.icrea.cat/memoir2016



Passeig Lluís Companys, 23 - 08010 Barcelona
Tel. +34 935670686 · twitter.com/icreacommunity
icrea@icrea.cat · www.icrea.cat



Generalitat de Catalunya
Government of Catalonia

