



Universidade Estadual Paulista

Moving forward throughout excellence

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A multi campus university

43 years old



Rankings and Reputation

UNESP Global rank:

Top **3%**



Academic Ranking of World Universities (2019): 301st - 400th
Brazil: 2nd - 4th

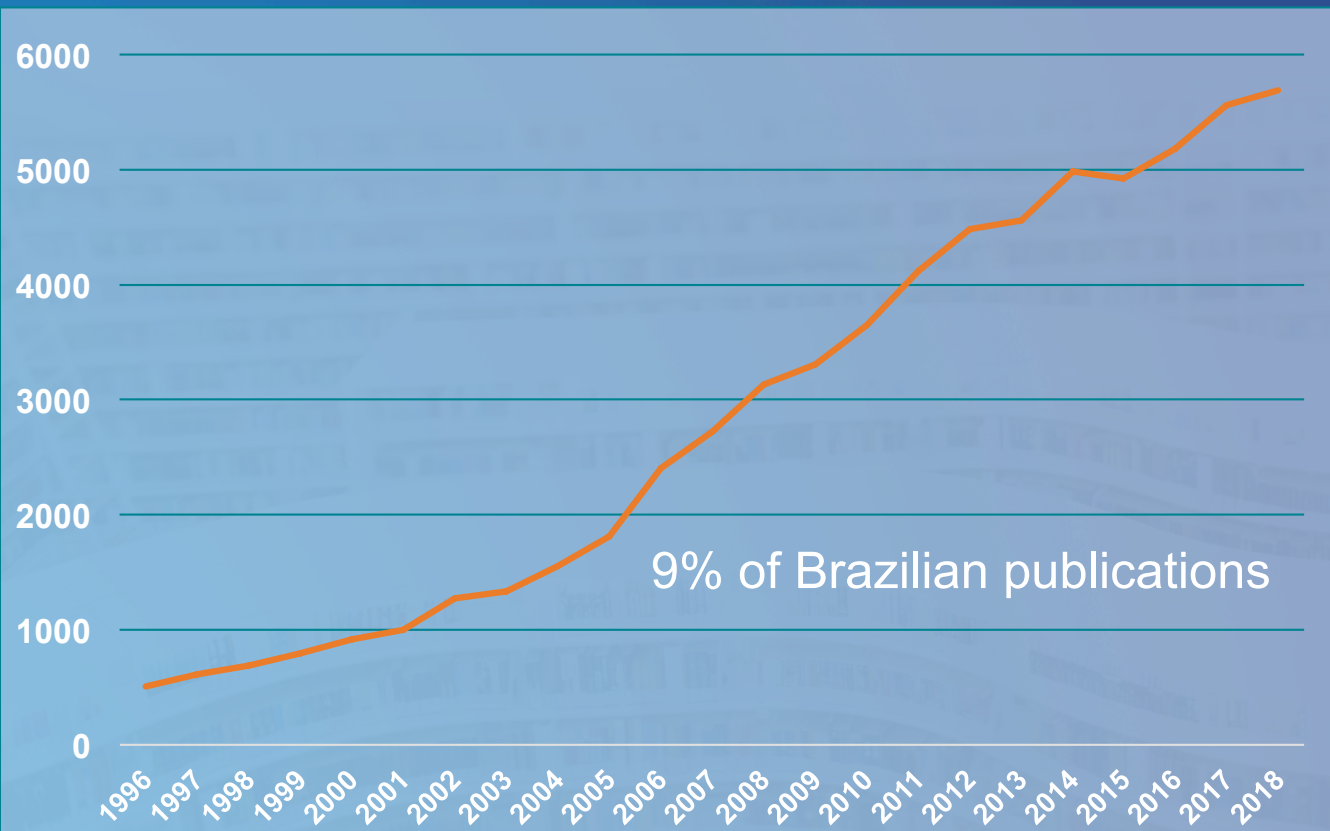


Young University Rankings (2019): 201st - 250th
Brazil: 1st-2nd
Latin America (2019): 10th

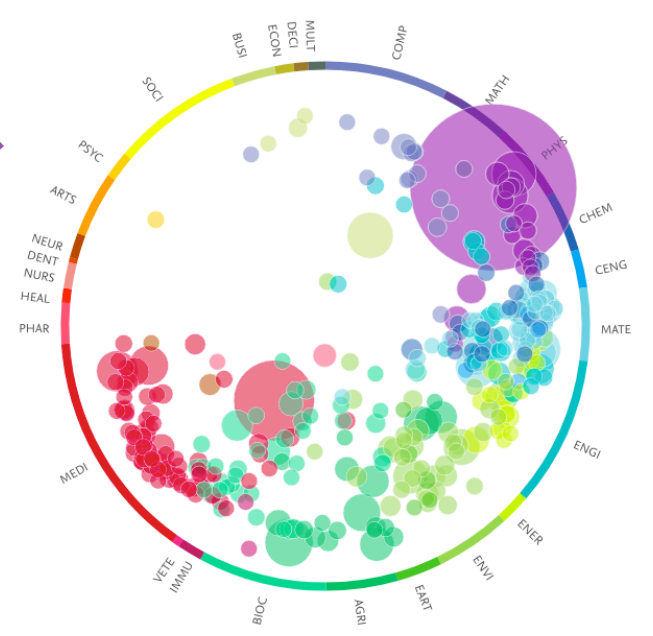
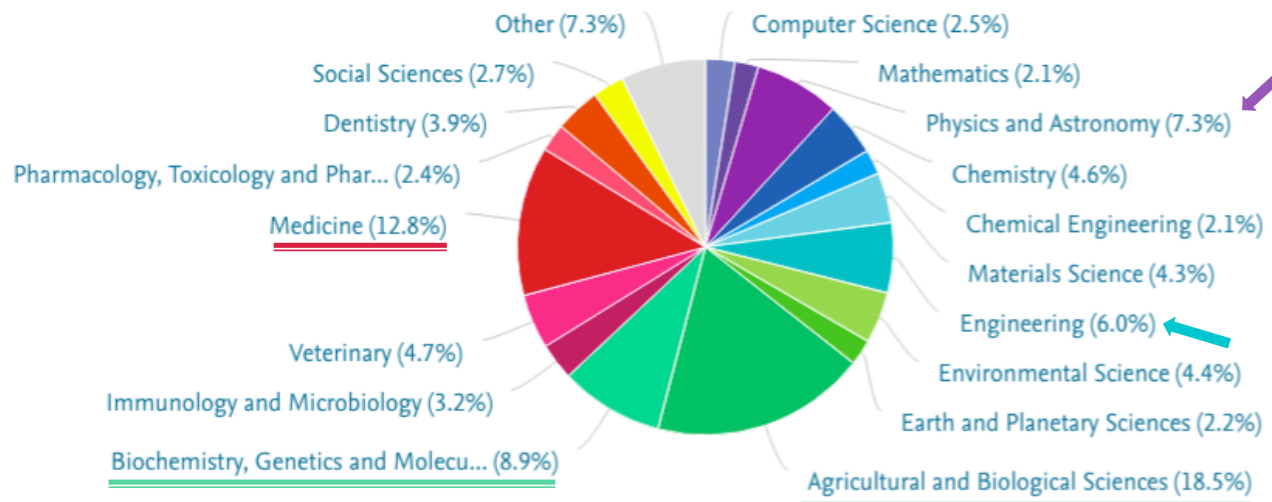


QS World Univ. Ranking (2020): 482nd
Brazil: 5th
BRICS (2019): 29th **Top Under 50 (2020): 71st - 80th**
Latin America (2019): 11th **Brazil: 1st**

UNESP Publication: 1996-2018



Research areas



UNESP Researchers Portal

São Paulo State University (UNESP) Academic Staff Portal

Welcome to the São Paulo State University (UNESP) Portal

unesp

ACADEMIC STAFF

- by Name
- by School
- by Department
- by Undergraduate program
- by Graduate program
- by Topic / Subject

ORCID

Search Which name are you looking for?

2986 Academic staff	35 Schools	218 Departments
136 Undergraduate programs	153 Graduate programs	614 Community projects * since 2018
13086 Institutional collaborations * since 2013	8332 International collaborations * since 2013	13021 National collaborations * since 2013



<https://unesp.br/portaldocentes/?lang=en>

Strategic Internationalization Plan



Global Talent: Develop academics global competencies



Research: Improve the internationalization, quality, and impact of the science in connection with UN global challenges

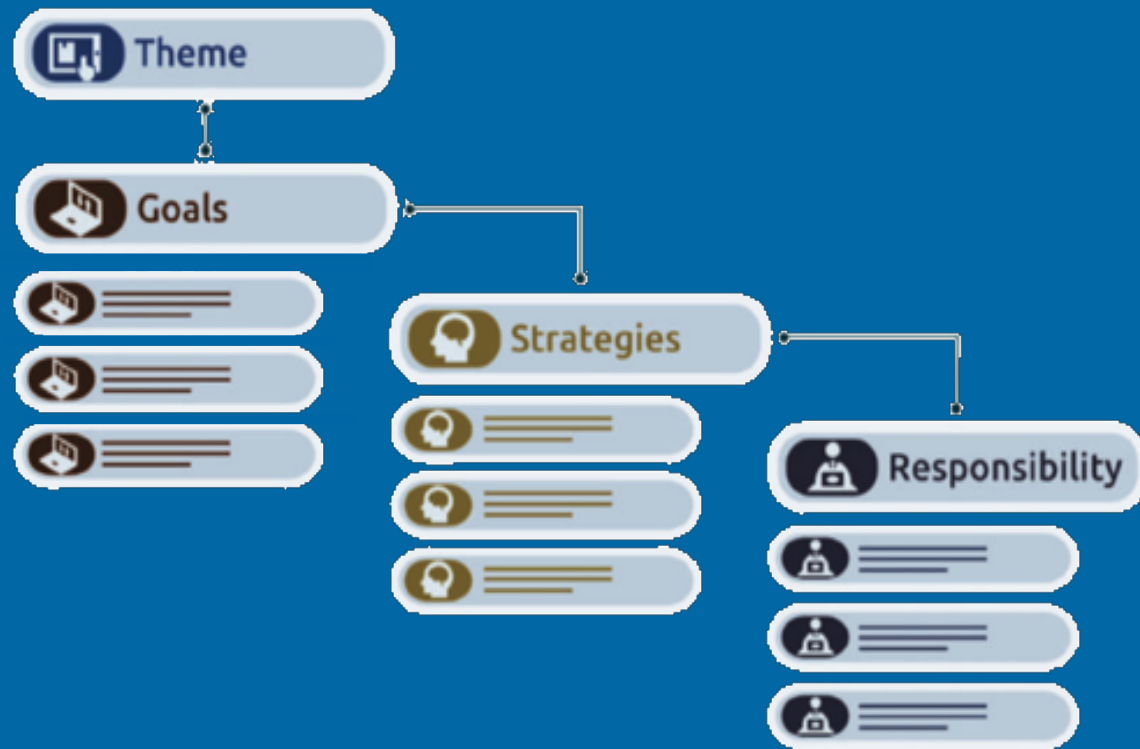


Partnership: partnerships in the center of the internationalization strategy



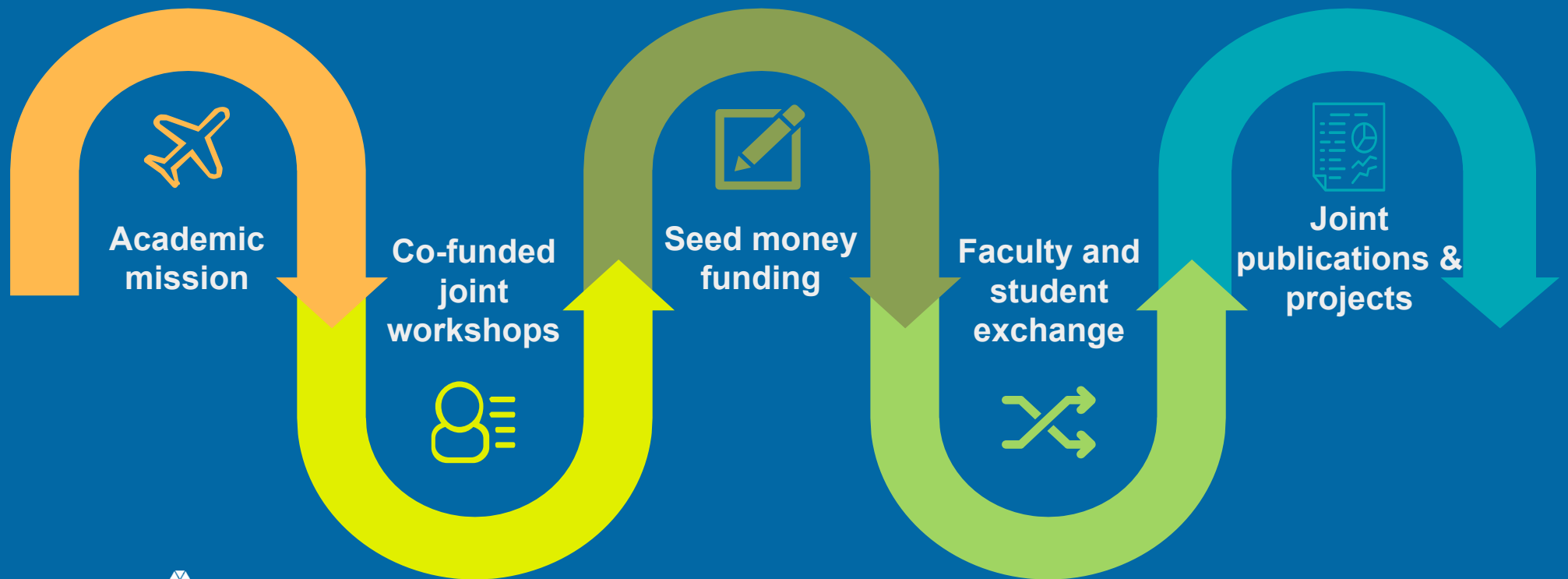
Transversal topics: languages, training of human resources, de-bureaucratization, interaction with university external agents

Strategic Internationalization Plan



Building Strategic Partnerships

The Strategy



Research Strategy: Global Themes



Unesp CAPES-Print Themes and Projects

SUSTAINABLE DEVELOPMENT GOALS



Plural Societies

- 1 Equalities, Exclusion and Rights
- 2 Diversity, Inclusion and Social Movements
- 3 Public Policies and Democracy
- 4 Information and Knowledge in Contemporary Society
- 5 Languages and Knowledge Production

Bioeconomy

- 6 Nanotechnologies and Biotechnologies for Sustainable Production of Food, Fiber and Bioenergy
- 7 Sustainable Production of Biomass for Industrial Use and Bioenergy Generation
- 8 Development and Optimization of Agricultural and Forest Production Systems
- 9 Animal Science: Human Resources Training and Development of Technologies for Sustainable Food Production
- 10 From Precision Agriculture to Precision Agriculture: UNESP Entry in the Context of Digital Agriculture and Bioeconomics
- 11 High-Quality Food Production
- 12 Preservation and Reduction of Food Losses

Sustainable Development

- 13 Sustainable Exploitation of Natural Resources
- 14 Bioprocesses Applied to the Environment
- 15 Educational and Social Transformation for Environmental and Human Sustainability
- 16 Animal Nutrition and Environmental Impact
- 17 Sustainable Cities
- 18 Hydrological Cycle and Water Resilience

Materials and Technology

- 19 Development, Modeling and Simulation of Materials for Electronic and Photonics
- 20 Development of Biotechnological Processes
- 21 Development of Biomaterials and Biosensors
- 22 Development of New Pharmaceutical Compounds, Medicines and Drug Delivery Systems
- 23 Development of Alternative Energies and Biofuels

Basic Science at the Edge of Knowledge

- 24 Theoretical and Experimental Physics at the Frontier of Knowledge
- 25 Advanced Research in Pure and Applied Mathematics

Biodiversity and Global Change

- 26 Biodiversity: Prospection, Conservation and Use
- 27 Climate Change: Physical Bases, Adaptation and Mitigation

Health and Wellness

- 28 Clinical Pathology and Animal Biotechnology in the Context of One Health
- 29 Infectious Diseases, Emerging or Not, and Public Health
- 30 Health and Well-Being of Humans and Animals
- 31 Study of Oral and Systemic Diseases Associated with Health and Human Well-Being
- 32 Animal Genetics, Nutrition and Production Aiming for Higher Food Quality and Animal
- 33 Evaluation of Drugs and Products Used in Human and Animal Health
- 34 Bases for Understanding Diseases and Welfare of Humans and Animals

<https://www2.unesp.br/print/general-information/list-of-themes/>



CAPES-Print

- Focus on the mobility of faculty and Ph.D. students to increase the **IMPACT OF RESEARCH**
- Importance of co-funding, both internal and from international partners
- **UNESP next calls: February/March 2020**

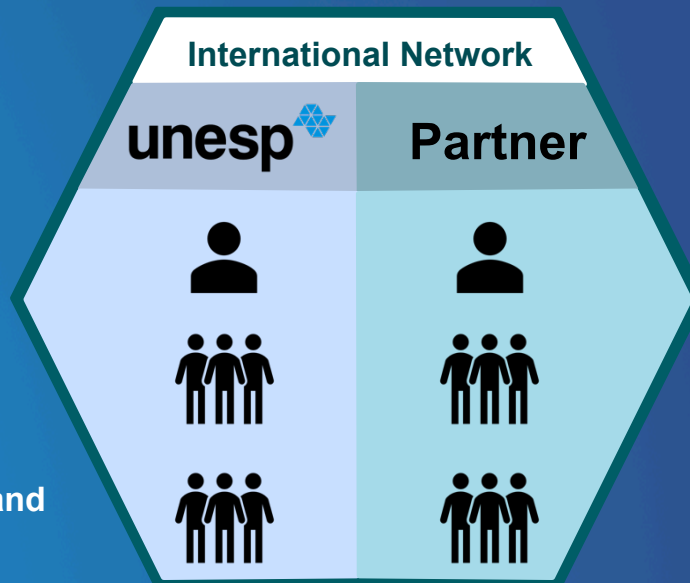
2nd largest budget
\$ 22 mi – 5 years



Principal Investigators

Researchers

PosDocs, Ph.D. and Master Students



www.unesp.br/print

UNESP-CAPES-Print: Germany

- Universität Würzburg
- Leibniz Institute Interaktive Materialien E.V.
- Technische Universität München
- Universität Tübingen
- Universität Hohenheim
- Universität Göttingen
- Deutsches Zentrum für Integrative Biodiversitätsforschung
- Die Universität ULM
- Fraunhofer-Institut für Umwelt-Sicherheit und Energietechnik
- Technische Universität Hamburg
- Universität Leipzig
- Goethe- Universität Frankfurt AM Main
- Universitätsmedizin Mainz
- Universität Freiburg im Breisgau
- German Institute of Global and Area Studies
- Universität des Saarlandes
- Universität Bayreuth
- Johannes-Gutenberg Universität
- Duisburg Essen Universität



UNESP-CAPES-Print: Partners in Germany

NETWORK	UNESP	GERMANY	GERMAN INSTITUTION
BIODIVERSITY AND MICROBIAL BIOTECH	ANDRÉ RODRIGUES	PETER BIEDERMANN FELIX JAKOB VOLKER SIEBER	UNIVERSITY WÜRZBURG LEIBNIZ INST FÜR INTERAKTIVE MATERIALIEN E.V. TECHNISCHE UNIVERSITÄT MÜNCHEN
ECONOMY	ALCIDES LEÃO	VOLKER SIELBER	TECHNISCHE UNIVERSITÄT MÜNCHEN RESIDUES AND CIRCULAR
RAIN SIMULATION MODELS	FABIO REIS	PETER GRATWOHL FERNANDO D`AFFONSECA	UNIVERSITÄT TÜBINGEN UNIVERSITÄT TÜBINGEN
FORESTS FROM GENE TO PRODUCT	IRAÊ GUERRINI	ANDREAS PYKA DIRK JAEGER RUDOLF HAUSMANN	UNIVERSITÄT HOHENHEIM UNIVERSITÄT GÖTTINGEN UNIVERSITÄT HOHENHEIM
SUSTAINABLE INTEGRATED PEST MANAGEMENT	RAPHAEL CASTILHO	NICOLE VAN DAM	DEUTSCHES ZENTRUM FÜR INTEGRATIVE BIODIVERSITÄTSFORSCHUNG
PLANETARY SYSTEMS	OTHON WINTER	CHRISTOPH SCHAFFER WILHELM KLEY	UNIVERSITÄT TÜBINGEN UNIVERSITÄT TÜBINGEN
FOREST RESOURCES	CARMEN MARCATI	STEVEN JANSEN	DIE UNIVERSITÄT ULM
RENEWABLE ENERGY	SANDRA PULCINELLI	RUDOLF HAUSMANN	UNIVERSITÄT HOHENHEIM

UNESP-CAPES-Print: Partners in Germany

NETWORK	UNESP	GERMANY	GERMAN INSTITUTION
SUSTAINABLE CITIES	RODRIGO MORUZZI	ILKA GEHRKE KERSTIN KUCHTA	FRAUNHOFER-INSTITUT FÜR UMWELT-, SICHERHEITS- UND ENERGIETECHNIK TECHNISCHEN UNIVERSITÄT HAMBURG
SEMICONDUCTING DEVIVES	MARCELO ORLANDI	NICOLAE BARSAN UDO WEIMAR	UNIVERSITÄT TÜBINGEN UNIVERSITÄT TÜBINGEN
PAIN RELIEF IN ANIMALS	ANA LIZ ALVES	JANINA BURK	UNIVERSITÄT LEIPZIG
MAXILLOFACIAL SURGERY	MARISA GABRIELLI	ROBERT SADER	GOETHE-UNIVERSITÄT FRANKFURT AM MAIN
ORAL CAVITY DISEASES	CARLOS ROSSA	JAMES DESCHNER	UNIVERSITÄTSMEDIZIN MAINZ
TROPICAL DISEASES	CARLOS FORTALEZA	NICO MUTTERS	UNIVERSITÄT FREIBURG IM BREISGAU
POLITICS AND PEACE	KARINA MARIANO	DETLEF NOLTE	GERMAN INST OF GLOBAL AND AREA STUDIES
FRANCOPHONE PRESS	VALERIA GUIMARÃES	HANS-JÜRGEN LUSEBRINK	UNIVERSITÄT DES SAARLANDES
CONTEMPORARY URBANIZATION	MARIA SPOSITO	JAN SIMON HUTTA	UNIVERSITÄT BAYREUTH
INCLUSION AND EDUCATION	RODRIGO GELAMO	ALEXANDRA SCHNEIDER MONICA BERTI	JOHANNES-GUTENBERG UNIVERSITÄT UNIVERSITÄT LEIPZIG

UNESP-CAPES-Print: Partners in Germany

NETWORK	UNESP	GERMANY	GERMAN INSTITUTION
INCLUSION AND EDUCATION	LÍLIA TARDELLI	MONICA BERTI	UNIVERSITÄT LEIPZIG
ART AND EDUCATION	CESAR LEITE	ALEXANDRA SCHNEIDER STEFANIE HANKE	JOHANNES GUTENBERG-UNIVERSITÄT DUISBURG ESSEN

FAPESP (SP Research Agency)

- Mission: support research in all fields
- Funded by the State of São Paulo receiving 1% of instate tax revenue
- Annual budget: about \$PPP 530 million / year
- All proposal are peer reviewed – About 25,000 per year
- Average decision time – 65 days / 40% success rate



FAPESP – Institutional collaboration

- **SPRINT:** provide funding for the initial phase of international research collaborations – HEI with agreements or no with FAPESP
- **International institution collaborative programs:** joint collaborative proposals under a scientific cooperation agreement between the institutions

FAPESP – Attraction of internationals

- **Research Internships Abroad (BEPE):** international scholarships
- **Post doctoral fellowships:** stipend, travel, some research money
- **Young Investigator Awards:** stipend, travel, full research support in a 4-year grant
- **Visiting scientists:** travel, stipend; 2 weeks to 12 months
- **São Paulo Excellence Chairs (SPEC):** for senior level scientists from abroad: full research grant for staying 12 weeks per year in SP for 3-5 years
- **São Paulo Schools of Advanced Science (SPSAS):** each one brings 50-100 young PhD students from abroad



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