Best Practices in Scientific Data Management

UFABC Initiatives

Profa Sônia M Malmonge
sonia.malmonge@ufabc.edu.br
The university was created in 2005 and the first students started in 2006.

UFABC's mission is to promote the advancement of knowledge through teaching, research and extension activities. To support this progress, it is based on the principles of interdisciplinarity, excellence and social inclusion.
Campus Santo André

Rua Abolição, s/nº – Vila São Pedro
CEP: 09210-180 – São Paulo - Brazil
Campus São Bernardo do Campo
Undergraduate programs

Undergraduate programs at UFABC are structured around interdisciplinarity and flexibility.

All students are admitted into one of the two interdisciplinary programs available, the Bachelor in Science and Technology (BC&T) and the Bachelor in Sciences and Humanities (BC&H).

Students are allowed to choose their courses freely (even from the other interdisciplinary bachelor), and being admitted into a specific program is not a requirement to enroll in courses offered by that program.
Undergraduate programs

Programs offered to students of the Bachelor in Sciences and Humanites (BC&H)

Bachelor in Economics
Bachelor in International Relations
Bachelor in Philosophy
Bachelor in Public Policy
Bachelor in Territorial Planning
Teaching Degree in Philosophy

Programs offered to students of the Bachelor in Science and Technology (BC&T)

Aerospace Engineering
Bachelor in Biological Sciences
Bachelor in Chemistry
Bachelor in Computer Science
Bachelor in Mathematics
Bachelor in Neuroscience
Bachelor in Physics
Biomedical Engineering
Energy Engineering
Engineering Management
Environmental and Urban Engineering
Information Engineering
Instrumentation, Automation and Robotics Engineering
Materials Engineering
Teaching Degree in Biological Sciences
Teaching Degree in Chemistry
Teaching Degree in Mathematics
Teaching Degree in Physics
Graduate programs

Graduate programs at UFABC aim at the development of scientific and technological frontier research, committed to educate researchers to meet the demand for higher education and national and regional technological development.

UFABC considers research to be the engine of graduate studies, expected to introduce new ideas that may help expand human knowledge. Research themes, being interdisciplinary, combine efforts from different areas of knowledge.

UFABC currently offers 27 graduate programs, of which 14 include Masters and Doctor’s degrees. Three Professional Master’s Degrees are offered.

UFABC is the first university in Brazil to offer an Academic-Industrial Doctor program, sometimes called Industrial PhD.

They are mostly focused on the STEM areas (Science, Technology, Engineering and Mathematics) following UFABC’s natural competence, but also include programs in humanities and social sciences.
National and international recognition

29/08/18 15h15

Estudo mostra UFABC ao lado de universidades europeias em colaboração internacional

Artigo publicado este ano no livro “Reaprar a universidade: desempenho acadêmico e comparações internacionais” apresenta dados que revelam a UFABC no mesmo patamar de universidades...

23/05/18 16h05

UFABC recebe reconhecimento de honra e mérito por participação em projeto da UE

Dez alunos da Universidade Federal do ABC, participam de um grupo de pesquisa financiado pela União Europeia, sendo reconhecidos por suas contribuições ao projeto CARE-Empowering...

09/05/18 14h59

Universidade Federal do ABC avança em ranking internacional

O Emerging Economics University, ranking de abrangência mundial do Times Higher Education (THE), colocou a Universidade Federal do ABC no grupo das melhores universidades dos países...

09/04/18 10h42

Alunos da UFABC conquistam 3º lugar em torneio mundial de física

Um grupo de estudantes da UFABC representou o Brasil no 10h IPT (International Physicists Tournament), torneio internacional de física realizado em Moscou, Rússia, entre 1 e 8 de...

**National Recognition**

UFABC reached the highest mark (5) in all editions of the General Course Index of the Brazilian Ministry of Education and Culture

In the last edition, the maximum grade was obtained by only 13 out of more than 2000 institutions of higher education evaluated.

Folha de são paulo - a nationally influential newspaper – classified UFABC as the best Brazilian university in the area of "internationalization" for three consecutive years

Month: July 2017

UFABC RANKED LATIN AMERICA'S 14TH BEST UNIVERSITY ACCORDING TO TIMES HIGHER EDUCATION

After being ranked as the 12th best university by the Times Higher Education Latin America University Rankings in 2016, UFABC moved up four places to 14th in 2017. Also, it was ranked 8th in Brazil (7th in 2016) and at 4th among Brazilian federal universities (5th in 2016). This result puts UFABC ahead[...]

Month: November 2016

UFABC THE 4TH BEST BRAZILIAN UNIVERSITY

Once more UFABC has been internationally acknowledged for its unsurpassed dedication to academic excellence. The American publisher U.S. News has launched the 2017 Best Global Universities Rankings, which allows students to compare universities worldwide in aspects ranging from research impact to reputation. Through this methodology UFABC is ranked #4 among Brazilian universities, #9 in Latin[...]

Month: July 2016

UFABC EARNs INTERNATIONAL RECOGNITION

At the brink of its 10 year anniversary, UFABC has earned its greatest international recognition yet. Times Higher Education (THE), known for international university rankings, has just divulged the first edition of the Latin America University Rankings, which features the 50 most distinguished universities in Latin America in the year of 2016. UFABC ranks among[...]

Posted in Awards, Highlights, Rankings

Posted on 8 de Jul de 2016 by isca

Posted in Highlights, Rankings
Good Research Practices

- The UFABC`s Research Integrity Office was created in 2015 (Portaria da Reitoria noº 384, de 11/08/2015).

- The UFABC`s Ethical Code was published in 2018 (CONSUNI - Ato Decisório 157, 15/01/2018).
Research Data Repository (coming soon)
Why UFABC decided to carry out the initiative to promote the creation of open repositories of research data?

- UFABC aims to develop innovative, interdisciplinary, high level and competitive research;

- UFABC need to establish itself as a reference in excellence in research in the national and international scenario;

- Nowadays, international cooperation demands to attend the requirements of international funding agencies;

- 2017 – FAPESP`s demand:
  - Research data repository;
  - Data management plan.
Main actions already undertaken

- Creation of a working group to meet the demand for creation of research data repository;

- Articulation with other universities;

- Made available Beta version of a repository (Dataverse).
  http://dataverse.ufabc.edu.br/
Este é o Repositório de Dados de Pesquisa da Universidade Federal do ABC

Centro de Ciências Naturais e Humanas (CCNH)
Centro de Engenharia, Modelagem e Ciências Sociais Aplicadas (CECS)
Centro de Matemática, Computação e Cognição (CMCC)

Search this dataverse...

Dataverse Category
Department (3)
Researcher (1)

Publication Date
2018 (6)

Author Name
Flavio Eduardo Aoki Horta (1)
Ygor Soares Gonçalves (1)

1 to 6 of 6 Results

Dataset for Qualitative investigation of data-driven decision making within a control room for disaster monitoring and early warning in Brazil.

23/09/2018 - Centro de Matemática, Computação e Cognição (CMCC)

Flavio Eduardo Aoki Horta, 2018. "Dataset for Qualitative investigation of data-driven decision making within a control room for disaster monitoring and early-warning in Brazil." doi:10.5072/FK2/JQYQKQ, Repositório de Dados de Pesquisa da UFABC. V1

With the emergence of big data and new data sources, a challenge posed to today’s organizations consists of identifying how to align their decision-making and organizational processes to data that could help them make better-informed decisions. This paper presents a study in the...

Teste

23/09/2018


Teste
Challenges

- Data Management Plan
- Identify the typological variety of documents and methods of action in each discipline (discipline-specific metadata);
- Identify (and implement) the needs of the team, technology and budget;
- Create a multidisciplinary management committee;
- Propose policies and guidelines for the repository;
- Encourage researchers to adopt open data policy (culture change);
http://www.ibict.br/Sala-de-Imprensa/noticias/2016/ibict-lanca-manifesto-de-acesso-aberto-a-dados-da-pesquisa-brasileira-para-ciencia-cidada/

https://www.rnp.br/noticias/rnp-implementara-federacao-repositorios-dados-pesquisa-ate-2020
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UFABC`s Work Group – Open research data repositories …

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VI - Ygor Soares Gonçalves - Bibliotecário Documentalista.