



Puerto Rico
Science, Technology
& Research Trust

Info Session

Catalyzer Research Grant

Wednesday, January 12, 2022

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Grants Program Director

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RESEARCH GRANTS
P R O G R A M
FUNDS TO GROW



PUERTO RICO SCIENCE TECHNOLOGY AND RESEARCH TRUST

Who we are

We are a private non-profit organization created in 2004 to encourage and promote innovation, transfer and commercialization of technology and creation of jobs in the technology sector. We are responsible for Puerto Rico's public policy for science, technology, research and development.

Our mission

We invest, facilitate and build capacity to continually advance Puerto Rico's economy and its citizens' well-being through innovation-driven enterprises, science and technology and its industrial base.

Our vision

By 2022, Puerto Rico is a globally recognized innovation hub that develops, attracts, and retains scientists, technology entrepreneurs, and enterprises to unlock world class creativity and competitiveness.

Our initiatives



Grants Program



A structured, systematic, open and competitive funding mechanism to support the development of science and technology research projects in Puerto Rico.

Our **mission** is to provide incentives for R&D activity to further the Trust's overall mission.

Strategic Sectors



Biotechnology and Natural Sciences



Aerospace



Medical Devices



Clean Technologies and/or
Renewable Energy



Agriculture



Environmental Sciences



Electronics



Information and Communication
Technologies

+ Others



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Funding Mechanisms



Advanced Research Grants (ARG)

Catalyzer Research Grants (CRG)

1-to-1 matching funds for Phase I & II SBIR/STTR proposals



ADVANCED RESEARCH GRANTS PROGRAM



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Solicited proposal mechanism with the goal of providing funding to advance locally developed science and technology projects to a point where these will be able to be further developed through alternate sources of funding (e.g. federal R&D funding, angel and private investments, etc.) and/or commercialized (through licensing, sales, acquisitions, vertical venture integration or a combination of these).

Awards up to **\$150,000/year**



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Awards up to **\$70,000/year**:

The **CRG** enhances the competitiveness of Puerto Rico's researchers by providing critical bridge funding to help them accomplish the following:

- (1) obtain reproducible and robust preliminary results,
- (2) address any recommendations from previous grant reviewers to improve the R&D project to strengthen its position to obtain the grant and
- (3) secure reagents, laboratory materials, collaborations or additional technical training necessary for the proposed goals.

SBIR/STTR



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1-to-1 matching funds for **Phase I & II SBIR/STTR proposals**: to promote and increase commercialization of research. Match up to **\$100,000 for Phase I** and up to **\$200,00 for Phase II**.

The program has awarded a total of **16** matching funds (\$100,000 e/a) since 2015.

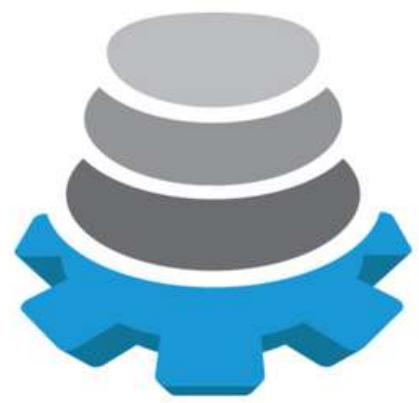
Since 2014 the Trust offers a SBIR/STTR Proposal Preparation Workshop to assist participants to prepare competitive proposals for Phase 1.



Achievements



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wizehive

ZENGINE



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Web platform for managing applications

- Centralized
- Great for Reporting
- Paperless
- Customizable



Subject Matter Experts



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Where are they from?



What type of work they do?

- Research Scientists
- Engineers
- Deans
- Directors of Research
- Company Presidents
- Chief Executive Officers
- Chief Scientific Officers
- Chief Innovation Officers
- Lab Chiefs

130+ Research Institutions



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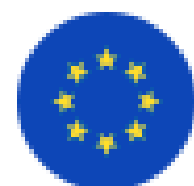
United States

- Columbia University
- Cornell University
- Harvard University
- University of Pennsylvania
- Princeton University
- Yale University
- Stanford
- Duke
- MIT
- Purdue
- Rutgers University
- Georgia Tech
- Mayo Clinic
- MD Anderson Cancer Center
- Florida International University
- University of Florida
- University of South Florida
- Stony Brook University
- Feinstein Institute
- Syracuse University
- Tisch Research Center of New York
- University of Alaska Fairbanks
- Northwestern University
- University of Illinois
- Illinois Institute of Technology
- Toyota Technological Institute - Chicago
- New Mexico Tech
- Ohio State University



Canada

- University of Toronto
- University of Calgary
- McGill University
- University of Manitoba
- University of Alberta



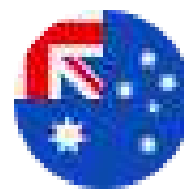
Europe

- Universidad de Valencia, Spain
- Universidad de Sevilla, Spain
- Universidad de Alcalá, Spain
- Universidad Complutense, Spain
- University of Cambridge , United Kingdom
- University Exeter, United Kingdom
- University of Aberdeem, United Kingdom
- National University of Ireland Galway
- Pasteur Institute if Lille, France
- University of Copenhagen, Denmark
- University of Trieste, Italy



Latin America

- Universidad Tecnológica Nacional, Argentina
- Centro de Investigación Científica de Yucatán, México
- Federal University of Rio Grande do Sul, Brasil
- The Oswaldo Cruz Foundation, Brasil



Australia

- Queensland University of Technology, AU
- The Australian National University



Asia

- Delhi Technological University
- Institute of Technology, Nirma University





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\$70,000



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Who is eligible?

- Junior faculty (within their first five years of their faculty appointment) with a competitive publication record, seeking to secure their first grants.
- PI's with a successful track record of securing funding in their primary research topic, but now embarking in a new research topic and seeking to secure a grant.
- PI's that applied for highly competitive federal funding, that had their proposal favorably reviewed, but fell short of being funded. In this case, the PI should provide a copy of the evaluated proposal and the evaluations.

\$70K



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Allowable Costs



- Personnel Costs
- Fringe benefits
- Consultant/Services Fees:
- Materials and supplies
- Equipment
- Out-of-Jurisdiction-Travel

The following costs are not eligible:



- Indirect costs
- Sub-awards
- Journal subscription costs.
- Acquisition of real property.
- Costs incurred pre-award, including proposal preparation costs.
- Maternity or sick leave expenses.
- Redundancy or other terminations costs.
- Contingency costs.
- Hospitality and entertainment costs.
- Relocation expenses.
- Travel in Puerto Rico, including mileage, meals and lodging.
- Direct or indirect support for any lobbying effort or for contribution to the political campaign of any candidate or for contribution to any political party or similar organization.



Requirements

- In order to be considered, you must have a profile in BEACON.
- BEACON is a centralized platform that collects, displays, analyzes and reports on all the academic activity that takes place on the island.
 - Captures and records research outputs
 - Publications
 - Grants
 - Professional & Teaching Activities
 - Public Profiles
 - Track Research Impact
 - Automatic Data Collection

BEACON
Powered by:

Discover world-class research in Puerto Rico

In this platform you will find out more about Puerto Rico's research ecosystem and potential collaborations. You can search for researchers by entering names, research keywords, and disciplines.

CONTACT US
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**PUERTO RICO, SCIENCE
TECHNOLOGY & RESEARCH TRUST**

- Home
- Research Grants Program
- Technology Transfer Office
- ACT 60
- SBIR/STTR

USEFUL LINKS

- Research
- Entrepreneurship
- Public Health

BEACON

Powered by:  RESEARCH GRANTS PROGRAM FUNDS TO GROW  TECHNOLOGY TRANSFER OFFICE  Puerto Rico Science, Technology & Research Trust

You can start building your profile!



The banner features the BEACON logo in large white letters with a lighthouse icon in the 'O'. Below the logo are the logos for the Research Grants Program, Technology Transfer Office, and Puerto Rico Science, Technology & Research Trust. A prominent orange button with white text reads "Click Here to Access BEACON's Search Engine". Below the button, there are two options: "If you are a researcher interested in having a profile in BEACON, please complete the following Form." with an orange-bordered button labeled "ACCESS FORM HERE", and "If you already have a profile in BEACON, please sign in here." To the right is a video player for a "BEACON Demo (Español)" with a play button and "Watch later" and "Share" options.

<https://prsciencetrust.org/beaconplatform/>

Important – About BEACON

For first time users:

First, go to <https://prsciencetrust.org/beaconplatform/>. There you will find a demo of BEACON features and sign-up instructions.

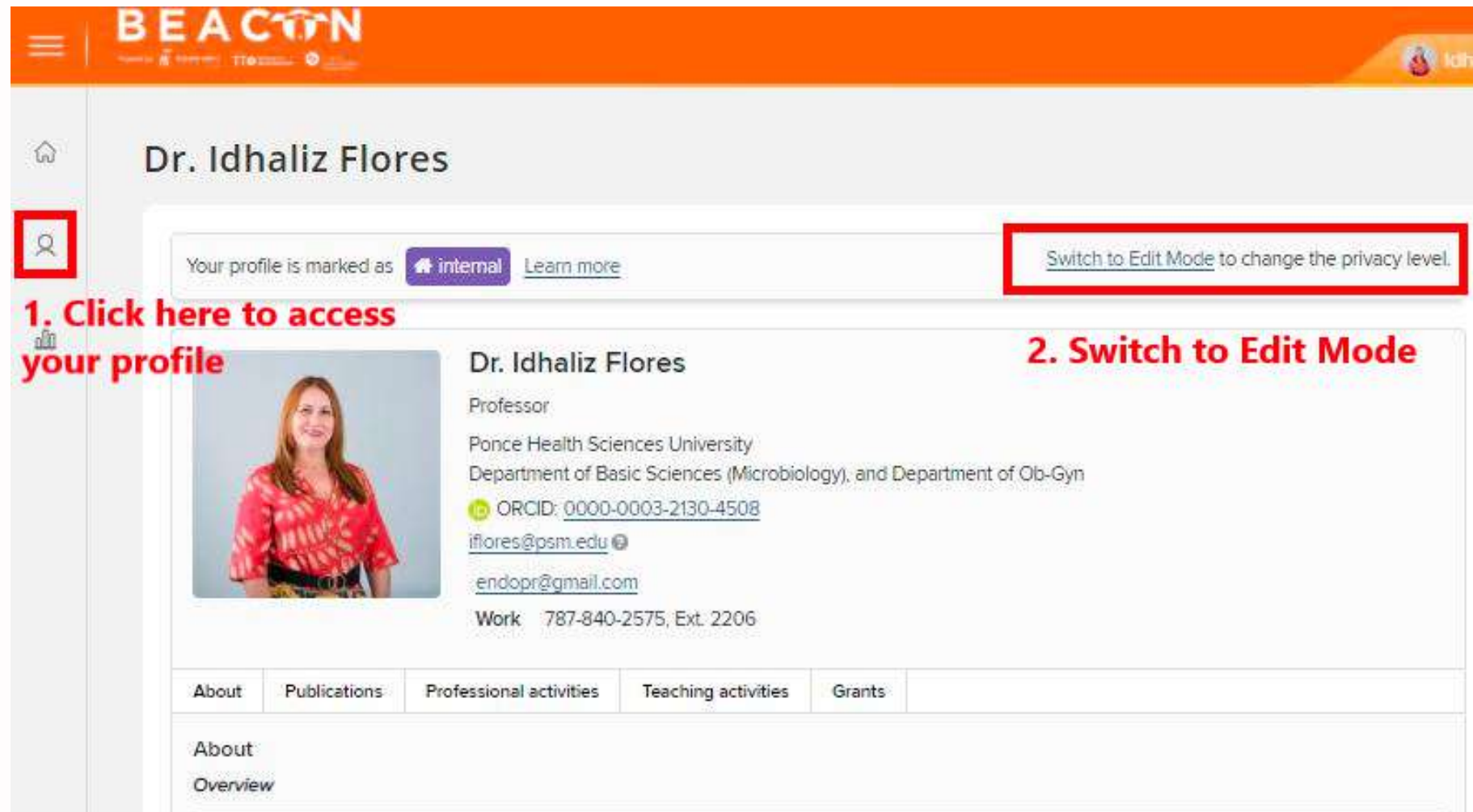
To set up your profile, you must fill out a form to request access. To do so, you will see a link labeled “ACCESS FORM HERE”.

Once the form is filled, you will receive an email with your username and login instructions. Due to our validation process, it may take up to 48 hours to receive this email.

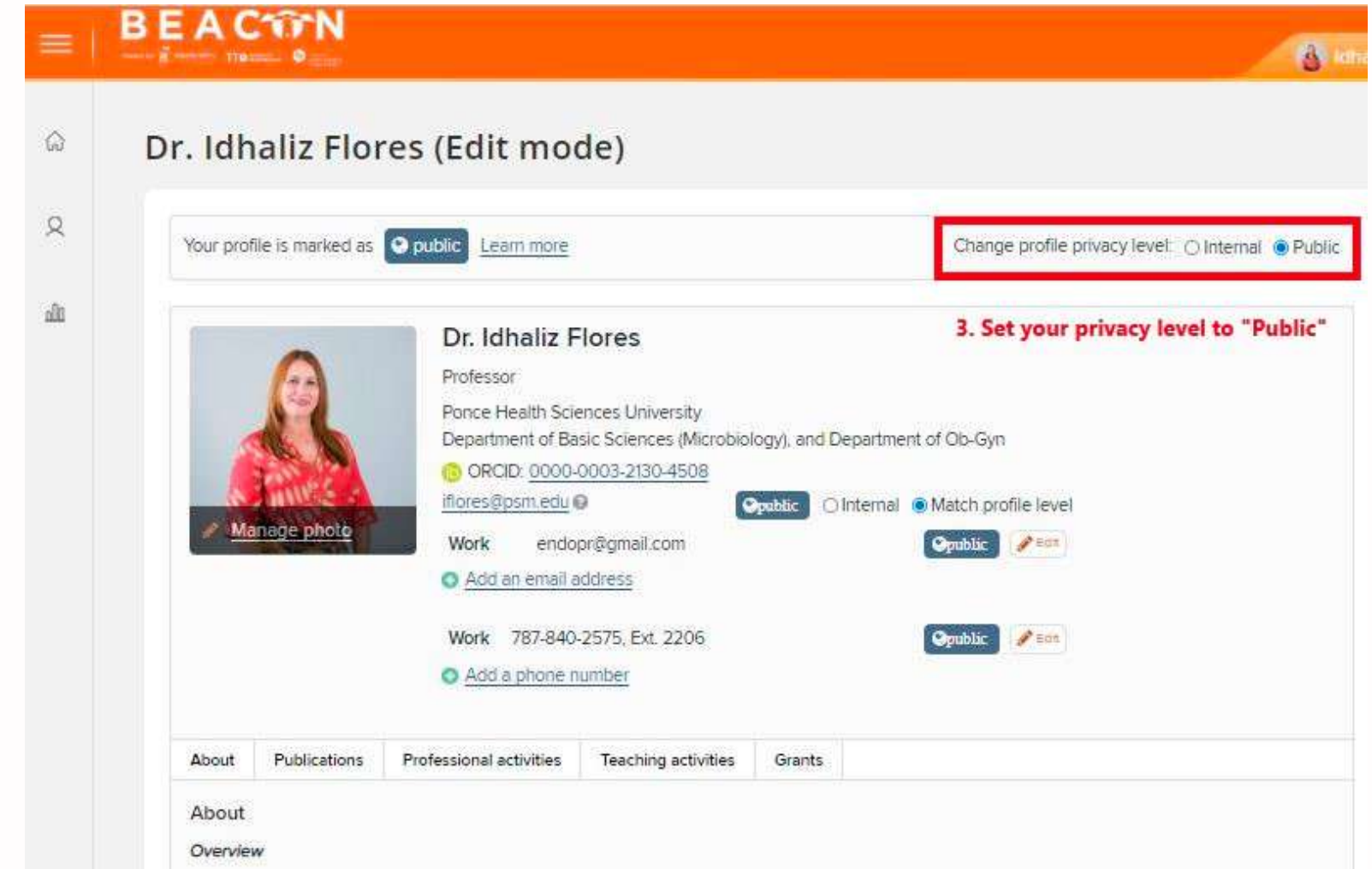
Please refer to our user guide. If you have any questions regarding BEACON, please contact us at beacon@prsciencetrust.org.

By default, your BEACON Profile is set to private (“internal”). Once you curate your profile and claimed your publications, you should set your profile to “public”. This way you will appear in the BEACON Search Engine.

To do so:



The screenshot shows the profile page for Dr. Idhaliz Flores. The profile is currently set to 'internal'. A red box highlights the profile icon in the left sidebar, with the instruction '1. Click here to access your profile'. Another red box highlights a link that says 'Switch to Edit Mode to change the privacy level.', with the instruction '2. Switch to Edit Mode'. The profile details include: Dr. Idhaliz Flores, Professor, Ponce Health Sciences University, Department of Basic Sciences (Microbiology), and Department of Ob-Gyn. ORCID: 0000-0003-2130-4508, iflores@psm.edu, endopr@gmail.com, Work: 787-840-2575, Ext. 2206. Navigation tabs for About, Publications, Professional activities, Teaching activities, and Grants are visible at the bottom.



The screenshot shows the profile page for Dr. Idhaliz Flores in 'edit mode'. The profile is currently marked as 'public'. A red box highlights the 'Change profile privacy level' dropdown menu, which is set to 'Public', with the instruction '3. Set your privacy level to "Public"'. The profile details include: Dr. Idhaliz Flores, Professor, Ponce Health Sciences University, Department of Basic Sciences (Microbiology), and Department of Ob-Gyn. ORCID: 0000-0003-2130-4508, iflores@psm.edu, Work: endopr@gmail.com, 787-840-2575, Ext. 2206. Navigation tabs for About, Publications, Professional activities, Teaching activities, and Grants are visible at the bottom.



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Requirements



Give Back Program



2 hrs



Eligible Activities



- Mentorship at the FWD Summit
- 1:1 Mentorship
- Talk/Presentation
- Blog



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Keep in mind

- The CRG does not allow multiple submissions by the same applicant.
- CRGs are not renewable. Other CRGs applications from the same PI will not be considered until evidence of resubmission of the improved proposal, resulting from the original CRG, is submitted to the Trust.
- You must include a letter of institutional commitment from authorized personnel that acknowledges support for the application; if applicable, include information regarding matching funds or in-kind support for the application. In-kind support in the form of faculty time-release is highly encouraged.



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Process





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Important Dates

- LOI Opens -> January 14, 2022
- LOI Due -> February 14, 2022
- LOI Review -> February - March 2022
- Notification of Invitation for Full Proposal -> March 2022
- Full Proposal Due -> April 2022
- Review and Evaluation of Proposals -> April - June 2022

***Dates are subject to change



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Letters of Intent Phase

January 14, 2022

prsciencetrust.org/catalyzer-research-grants-program/

DEADLINE



February 14, 2022



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Point of Contact

For questions about the CRG process, you might contact the Grants Advisory Team, only through



grants@prsciencetrust.org

Answers will be provided in 48-72 hours.



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Questions?