

Discover Health Citizen Science Studies: driving change with collaborative research

Health Citizen Science Studies is a consortium of experts coordinated by Fundació Recerca Sant Joan Déu, designed to address the health challenges of the adolescent population through active collaboration



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**Citizen
science**



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**Keys and
benefits**



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Methodology



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**Success
stories**



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**Let's work
together for
change**



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Empower your brand. Empower society

We are a **multidisciplinary team** of experts in collaborative research. **Coordinated by the Fundació Sant Joan de Déu**, it integrates various institutions including ISGlobal, the Universitat de Barcelona and the Institut Borja de Bioètica.

We address health challenges that affect the **young population** through **citizen science**:

- **We listen, assess and analyze** the problem or challenge.
- **We activate a citizen science project**, a collaborative scientific project to generate knowledge through data collection.
- From the results you will **be able to design** training, communication, educational or public policy solutions.



We drive change through the scientific method

We address with **citizen science methodologies** aspects that impact the health and quality of life of young adolescents, such as:



Mental health: screen abuse, mobile and network addiction, etc.



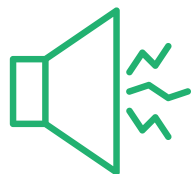
Habits and consumption of drugs and other substances



Sexual and reproductive health



Perceptions of vaccines



Studies on the impact of the environment: pollution and mental health or noise pollution.



Other studies related to health and youth population issues



Benefits of integrating citizen science into your strategy

Participating in Citizen Science studies to solve health problems of the youth population can contribute to your Corporate Social Responsibility. This collaboration offers multiple benefits:

- **Visibility, reputation, and brand impact:** Position your company's commitment to community and public health.
- **Innovation in CSR.**
- **Real data collected from the target population.**
- **Scientific methods applied to health problems of the young population.**





Designing a citizen science project

COMMUNICATION OF RESULTS

- **Adaptation of the results** to the participants.
- **Communication** of the results.
- **Support in publicity** and press campaign.

ANALYSIS OF RESULTS

- **Analysis and interpretation of results** for specific research purposes.
- **Presentation of the analysis.**



WE LISTEN TO YOUR CHALLENGES

- **We listen to, assess and analyze** the problem or challenge and transform it into a scientific question.
- **We analyze the state of the art.**

DISEÑO DEL ESTUDIO

- **Design of the research study** (hypotheses, variables, population and sample definition).
- Ensuring compliance with data protection.
- Ethical issues.
- **Adaptation of materials**, messages and questions to the target group.

IMPLEMENTATION OF THE STUDY

- **Data collection** using a variety of methods.
- Working with a **multidisciplinary scientific team.**



For whom?

Organizations concerned about issues that affect the youth and adolescent population.

- Private companies with purpose
- NGOs, public health agencies, collectives, public bodies, educational establishments or associations.





Case study: Bullying Awareness Campaign

CITIZEN SCIENCE

- **We identified the problem:** increase in suicides.
- **Community involvement:** young people, parents, teachers, psychiatrists, etc.
- **We designed the study:** sample, questionnaire, tools, methodology, etc.
- **Data collection:** approach, tactics, resources, etc.
- **Data analysis:** analysis, visualization, conclusions.
- **Ideas for the action plan:** work plan, community events, educational events, educational intervention, skills workshops, awareness
- **Evaluation and feedback.**

EXPECTED BENEFITS

- Press notoriety
- Data collection for lobbying purposes.
- Activation of public policy.
- Development of adapted resources and support programs.





Our citizen science success stories

STUDY ON VACCINE ACCEPTABILITY

- **Objective:** To better understand how young people perceive vaccines and determine acceptability and reluctance rates to vaccines to fight misinformation and fake news.
- **Sample:** Adolescents aged 12 to 17 years old who used the S4P platform and their parents.
- **Results:** Country of residence is an important risk factor for reluctance to vaccinate. Specific strategies are needed to educate adolescents and parents about the importance of immunization and its side effects, considering the heterogeneity among countries and the reasons for reluctance.





Nuestros casos de éxito de ciencia ciudadana

STUDY ON CLINICAL TRIALS

- **Objective:** To assess preferences for use of digital technologies in the participation in clinical trials to optimize clinical trials and contribute to improving health interventions.
- **Sample:** Adolescents aged 12 to 17 years of age and their parents.
- **Results:** Adolescents prefer digital technologies that they can access from their mobile phone instead of additional technologies. In addition, they prefer to be informed and contacted using the same type of services they use in their daily lives, e.g. WhatsApp.





Citizen science achievements:



Did you know that you can help control the spread of the tiger mosquito from your mobile phone?

The Mosquito Alert platform allows anyone to become part of the solution, simply by reporting sightings of invasive mosquitoes through an app.



Did you know that the oral microbiome may be influenced by environment and lifestyle habits?

Stick out your Tongue is a study of how environmental factors and lifestyles affect the microbial diversity of the mouth. Samples from adolescents were analysed, compared with those of their relatives and other populations, and even a competition was organised to interpret the data.



Did you know that you can investigate how pollution affects your health in your own city?

CitySHealth enabled citizens in 5 European cities to design experiments to understand how pollution and other environmental conditions influence their well-being.

Let's work together for change

Contact to explore partnerships:



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For more information, please contact:



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Health Citizen
Science Studies



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