## Rathenau Instituut

## 1 Research- and knowledge institutes in the Caribbean part of the Kingdom

This supplement provides an overview of the institutes in the Caribbean part of the Kingdom of the Netherlands that provide higher education and/or performing research. The overview also includes private organisations with a clear need for knowledge who sometimes perform research themselves. It is based on the report of Bijker and Wuite (2021), enriched with information from the Dutch ministry of Education, Culture and Science, the project database of the Dutch Research Council (NWO) and desk research. The overview is not exhaustive.

The funding structure of the institutes and the share of public funding therein, is not always clear. Bijker and Wuite (2021) establish that there are three universities that receive more than 50% of their funding from public sources: the universities of Curaçao, Aruba and Sint Maarten. Of the other institutes for higher education, we have not found an annual report or other document that provides insight into their funding structure. Neither have we been able to find this data for the other institutes in this overview.

| Type of institution  | Name  | Activities   |
|--|---|--|
| Universities and higher education institutes                                 | University of Aruba                                     | Bachelors of applied science and Bachelors of science, Masters of science and research   |
|  | University of Curaçao                                   | Bachelors of applied science and Bachelors of science, Masters of science and research   |
|  | Inter-Continental university of the Caribbean           | Bachelors of applied science and Bachelors of science and Masters of science   |
|  | University of the Dutch<br>Caribbean (Curaçao)          | Bachelors of applied science and Bachelors of science  |
|  | University of Sint Maarten                              | Bachelors of applied science and Bachelors of science and various preparatory educational programmes   |
|  | Instituto Pedagogico Arubano                            | Bachelors of applied science in teaching for kindergarten, primary and secondary education. Teachers also perform research, but have not obtained a PhD.   |
|  | International Hospitality and Tourism College (Curaçao) | Offer of educational programmes in hospitality   |
|  | Instituto pa Formashon den<br>Enfermeria (IFE, Curaçao) | Vocational and bachelor of applied science education programmes in health and welfare  |
| American medical schools   | Aureus University School of<br>Medicine (Aruba)         | Doctor of medicine, comparable to master of science in medicine  |
|  | Xavier University School of Medicine (Aruba)            | Doctor of medicine, comparable to master of science in medicine  |
|  | Avalon University School of Medicine (Curaçao)          | Doctor of medicine, comparable to master of science in medicine  |
|  | Caribbean Medical University (Curação)                  | Doctor of medicine, comparable to master of science in medicine  |
|  | St. Martinus University Faculty of Medicine (Curação)   | Doctor of medicine, comparable to master of science in medicine  |
|  | American University of the Caribbean (Sint Maarten)     | Doctor of medicine, comparable to master of science in medicine  |
|  | Saba University School of Medicine                      | Doctor of medicine, comparable to master of science in medicine  |
| Research-<br>institutes and<br>highly research-<br>oriented<br>organisations | Caribbean Netherlands Science<br>Institute (CNSI)       | Service provision in support of research into sustailable small island economies and strengthening of research in the Caribbean part of the Kingdom. Maintenance of two labs and other services, such as work stations, accommodation and transport. |

|   | Curaçao Biomedical & Health<br>Research Institute (CBHRI)  | Biomedical research, with a focus on diseases that are either common or constituting a great risk for the regions of Curaçao, the Caribbean and Latin America.  |
|---|--|---|
|   | Caribbean Research and<br>Management of Biodiversity<br>(Carmabi)                                  | Manager of national parks on Curaçao, which also performs research into the natural environment (on land and sea). Also involved in education and consultancy.  |
|   | Archeological Center/Institute<br>St. Maarten, Saba, Bonaire<br>(SIMARC/SABARC/BAI)                | Archaological centres instituted by Jay B. Haviser. SIMARC has a laboratory and is the official depository of archaelogical collections.                        |
|   | St. Eustatius Center for<br>Archaeological Research<br>(SECAR)                                     | Archaological research, connection with above three is unclear.   |
|   | Curaçao Innovation &<br>Technology Institute (CITI)  | Centre for innovation and new technologies.<br>Exact role of research is still unclear.   |
|   | Caribbean Shark Coalition (CSC)  | Collaboration of experts for the study and conservation of sharks in the Caribbean waters of Bonaire.   |
|   | Institute for Public Health<br>Curaçao (VIC)   | Institute of the ministry of health, environment and nature. Performs research in the areas of health and health care.  |
|   | Environmental Protection in the Caribbean (EPIC)   | Foundation for research, education and collective action for het protection of the Caribbean environment,   |
|   | Curaçao Sea Aquarium   | Aquarium en dolphinarium with research facilities with which resarch is performed and facilitated.  |
| Organisations that need knowledge, and sometimes contribute to research | Dutch Caribbean Nature<br>Alliance   | Collaboration of non-profitorganisations (such as the below-mentioned managers of national parks) supporting the governance of national parks in the Caribbean. |
|   | FPNA (Aruba), STINAPA<br>(Bonaire), STENAPA (St.<br>Eustatius), NFSXM (st.<br>Maarten), SCF (Saba) | Managers of national parks. SCF concerns itself not just with natural but also with cultural heritage.  |
|   | ECHF (Eastern Caribbean<br>Health Foundation)  | Non-profitorganisation for health research  |
|   | Fundashon Dier en Onderwijs<br>Cariben   | Non-profitorganisation for education on the Caribbean ecosystem, care and rehabilitation of animals and research.   |
|   | Fundashon Prevenshon   | Centre for disease prevention and screening (particularly cancer screening).  |

|  | Reef Renewal Bonaire                       | Stichting die zich inzet voor de bescherming en het herstel van koraalriffen door training, voorlichting en de ontwikkeling van nieuwe, innovatieve methoden.                                     |
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|  |  | Foundation for the conservation and recovery of coral reefs through training, education and the development of new, innovative methods.   |
|  | Saba Heritage Center (SHC)                 | Centre for the conservation and promotion of cultural heritage on Saba.   |
|  | Red Cross Blood Bank<br>Foundation Curaçao | Blood bank Curaçao  |
| Hospitals  | Curaçao medical center                     |   |
|  | Dr. Horacio E. Oduber Hospital<br>(Aruba)  |   |
|  | Fundashon Mariadal (Bonaire)               |   |
| Research<br>facilities located<br>in the Caribbean<br>part of the<br>Kingdom | AlgaePARC Bonaire                          | Research project funded by the European Union and Dutch Research Council (NWO) which aims to realise commercial algae growth on Bonaire. In 2020 the project started a pilot facility in Bonaire. |
|  | Statistics Netherlands                     | Office on Bonaire for data collection. Analysis and processing takes place in the Netherlands.  |
|  | Galileo                                    | One of the stations of the European worldwide satellite navigation system.  |
|  | Proteus                                    | As yet unrealised plan for a future underwater station for research, funded by the grandson of Jacques Cousteau.  |