

# NOTES AND RECOMMENDATIONS FOR ALL POTENTIAL SPONSORING ORGANIZATIONS



# WPI

Compiled By:

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For the Use of:

Namibia Site Director Professor Creighton Peet

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# LIST OF ORGANIZATIONS

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Cheetah Conservation Fund  
Desert Research Foundation of Namibia  
EduVentures  
Elimination 8  
Hanns Seidel Foundation  
Healthworks  
Men on the Side of the Road  
Namibia Development Trust  
Namibia Housing Action Group  
NamPower  
NamWater  
National Art Gallery of Namibia  
NUST: Centre for Teaching and Learning  
NUST: Faculty of Engineering  
NUST: Faculty of Health & Applied Sciences  
NUST: Faculty of Management Sciences  
NUST: Faculty of Natural Resources & Spatial Sciences  
Physically Active Youth  
TransNamib Holdings Ltd.  
Walvis Bay Corridor Group

# CHEETAH CONSERVATION FUND



To maintain the wild cheetah population

**Contact Information:** Dr. Bruce Brewer, General Manager

Email: [bruce@cheetah.org](mailto:bruce@cheetah.org)

Annetjie Siyaya, Research and Education Manager

Email: [annetjie@cheetah.org](mailto:annetjie@cheetah.org)

Business Phone Number: 264 67 306 225

**Past IQPs:** “Development of the Bushblok industry in Namibia”

“Improving the Cheetah Conservation Fund’s Livestock Guarding Dog Program through the Dissemination of Visual Media”

**Team Rankings:**

Available Resources: ★★☆☆☆

Sponsor Interest: ★★★★★

Expected Project Quality: ★★★★★

**Proposed Project Ideas:** Researching prices of firewood throughout the local market.

**Notes:** Past liaisons stated that they had a positive experience working with WPI students in the past, and would be interested in working with us again. Dr. Bruce Brewer suggested the above proposed project idea.

**Our Recommendations:** Professor Peet should contact Cheetah Conservation Fund to set up projects for D term 2019 and onward. Potential liaisons may need help/suggestions when deciding project proposals.

# DESERT RESEARCH FOUNDATION OF NAMIBIA



Focused on sustainable development in arid lands

**Contact Information:** Dr. Martin Schneider, Executive Director

Email: martin.schneider@drfn.org.na

Business Phone Number: 264 81 246 0378

**Past IQPs:** “Improving Solid and Human Waste Management in Rural Namibia Communities”

“An Assessment of Water Supply and Sanitation in Tsumkwe, Namibia

## **Team Rankings:**

Available Resources: ★★☆☆☆

Sponsor Interest: ★☆☆☆☆

Expected Project Quality: N/A

**Notes:** Dr. Martin Schneider explicitly stated that he would rather work with Namibian students than WPI students; he believes that Namibians would be able to provide the same services, and would be his priority over US students.

**Our Recommendations:** If Professor Peet chooses to communicate with the DRFN in the future, it should be with someone other than our contact person.

# EDUVENTURES



Provides rural areas with environmental education

**Contact Information:** Corris Kaapehi, Staff of Btech Nature Conservation

Email: [corris@eduventures-africa.org](mailto:corris@eduventures-africa.org)

Business Phone Number: 264 61 276 829

**Past IQPs:** “Renewable Energy SMART Lessons: An Educational Approach to a Sustainable Future in Namibia”

“EduVentures Web Expedition”

## **Team Rankings:**

Available Resources: ★★★★★

Sponsor Interest: ★★★★★

Expected Project Quality: N/A

**Notes:** The D term 2018 IQP team stated that they have had an overall positive experience working with EduVentures, and would recommend that they stay a sponsor in the future.

**Our Recommendations:** Future IQP teams that work with EduVentures should ask their sponsor as many questions as possible that arise during ID2050. Past teams have reported difficulty understanding certain aspects of their project before getting clarification from their sponsor.

# ELIMINATION 8



ELIMINATION 8

Provides malaria testing and treatment in rural areas of eight southern African countries

**Contact Information:** Kelly Sibisibi, Regional Analyst

Email: [ksibisibi@elimination8.org](mailto:ksibisibi@elimination8.org)

Cell Phone Number: 264 81 349 6804

Business Phone Number: 264 61 276 6809

## **Team Rankings:**

Available Resources: ★★☆☆☆

Sponsor Interest: ★★☆☆☆

Expected Project Quality: N/A

**Notes:** Elimination 8 hopes to help eradicate malaria from all eight of their target countries by 2030, through the use of mobile clinics that provide screenings and vaccinations. They are currently receiving funding from the Gates Fund, and partner with the Clinton Health Access Initiative (CHAI).

**Our Recommendations:** The contact person stated that the organization had difficulty collecting accurate data, so a proposed project idea could focus on this issue.

# HANNS SEIDEL FOUNDATION



Promotes democratic, environmental, and economic advancement

**Contact Information:** Clemens von Doderer, Head of Namibia Office

Email: vondoderer@hsf.org.na

Business Phone Number: 264 61 237 373/4

Mobile Phone Number: 264 81 440 0831

Rodney Seibeb, PREN Project Officer

Email: pren\_project@hsf.org.na

Emily Kandanga, Project Officer

Email: project@hsf.org.na

Mobile Phone Number: 264 81 815 0977

## **Team Rankings:**

Available Resources: ★★★★★

Sponsor Interest: ★★★★★☆

Expected Project Quality: ★★★★★☆

**Proposed Project Ideas:** Developing content for PREN, developing curriculum for civic education, raising awareness about anti-corruption initiatives

**Notes:** Hanns Seidel Foundation is currently working on a project called Promoting Renewable Energies in Namibia (PREN), which is a large scale project aimed to increase renewable energy usage. The organization have started installing solar cells into schools, and have been promoting renewable energy though social media. Rodney seemed enthusiastic to work with WPI, and proposed several project ideas.

**Our Recommendations:** Professor Peet should attempt to set several projects with this organization, as they will likely have a sufficient funding and projects.

# HEALTHWORKS



Provides wellness services to employees to promote a healthy workforce

**Contact Information:** Frida Muteka, Programs Manager

Email: mrsrpm@healthworks.com.na

Cell Phone Number: 264 81 259 4999

Peter Van Wyk, CEO

Email: ceo@healthworks.com.na

## **Team Rankings:**

Available Resources: ★★☆☆☆

Sponsor Interest: ★★☆☆☆

Expected Project Quality: N/A

**Notes:** Healthworks provides immunizations, HIV testing, STI testing, health education training, and TB testing, as well as other primary health assistance to over 1000 patients per month. They are partnered with the Mister Sister – Namibia Medical Care and the Ministry of Health, whom provide free medicine to low-income patients. Although the organization lost funding from Global Fund, they hope to receive additional funds in April, 2018. The contact person did not have any specific projects in mind, but they would like to stay in contact for future ideas.

**Our Recommendations:** The site director should stay in contact with this organization, as they will likely have project initiatives in the future.



# MEN ON THE SIDE OF THE ROAD



Connects unemployed Namibians to job and training opportunities

**Contact Information:** Crystal Beukes, CEO

Email: [mnr@iway.na](mailto:mnr@iway.na)

Cell Phone Number: +264 81 240 6368

**Past IQPs:** “Pathway to Self-Employment: Fostering an Entrepreneurial Mindset with Men on the Side of the Road in Katutura, Namibia”

“Sustainable Paper Insulation for Kambashus in Informal Settlements of Namibia.”

“Lighting the Way to Fire Safety: Reducing Fire Risk in Namibia’s Informal Sector Housing”

## **Team Rankings:**

Available Resources: ★★☆☆☆

Sponsor Interest: ★★☆☆☆

Expected Project Quality: ★★☆☆☆

**Proposed Project Ideas:** Students would create an application to accompany the database of all MSR members.

**Notes:** MSR seemed very enthusiastic to continue work with WPI, and has had an overall positive experience with WPI students in the past. MSR was very open to creating new project initiatives, and would likely be able to host projects again for D term 2019. MSR is currently funded by Bank Windhoek, and is looking for project initiatives that could bring in revenue and make the organization self-sustained.

**Our Recommendations:** Our group believes that MSR would be a great organization to reach out to for projects in D term 2019. Project initiatives should be geared toward creating revenue for MSR, and should utilize a small amount of funds. Project initiatives would likely be IQPs, but there is the potential for a computer science MQP.

# NAMIBIA DEVELOPMENT TRUST



Promotes self-management through participatory development

**Contact Information:** Ronny Dempers, Executive Director

Email: ronny@ndt.org.na

Business Phone Number: 264 61 238 002/3

Sylvanie Beukes

Email: sylvanie@ndt.org

**Past IQPs:** “Words Unwritten - A History of Maltahohe”

## **Team Rankings:**

Available Resources: ★★☆☆☆

Sponsor Interest: ★★★★★

Expected Project Quality: ★★★★★

**Proposed Project Ideas:** A continuation of the above past IQP, which would focus on researching oral history in rural communities.

Documenting the history of the NDT, and outlining its future.

**Notes:** NDT has worked with NUST and UNAM students in the past, along with a variety of organizations.

**Our Recommendations:** Project ideas should be coordinated with NUST students/departments.

# NAMIBIA HOUSING ACTION GROUP



Shack Dwellers Federation of Namibia  
and Namibia Housing Action Group

Partnered with the Shack Dwellers Federation of Namibia to improve living conditions for those without commercial housing

**Contact Information:** Dr. Anna Muller, National Coordinator/CEO

Email: amnhag@iway.na

Melki Namupolo, Program Coordinator

Email: meliz9010@gmail.com

Business Phone Number: 264 61 239 398

**Past IQPs:** “Flooding and Erosion Control in the Informal Settlements of Windhoek, Namibia”

## **Team Rankings:**

Available Resources: ★★☆☆☆

Sponsor Interest: ★★★★★

Expected Project Quality: N/A

**Proposed Project Ideas:** NHAG is currently starting a 3 year project partnered with NUST and UNAM students focused on upgrading informal settlements. WPI students could interact with locals in order to identify ways to improve living conditions.

**Notes:** Dr. Anna Muller seemed enthusiastic to work with WPI again. Proposed project idea has the ability to be renewed continuously – one project per region.

**Our Recommendations:** Our group believes that NHAG would be a great sponsor to work with, and has the ability to host 1-2 projects per year. NHAG could also be a Civil Engineering MQP sponsor.

# NAMPOWER



Namibia's leading energy provider

**Contact Information:** Chris Shatona, OHRD Manager

Email: [chris.shatona@nampower.com.na](mailto:chris.shatona@nampower.com.na)

Business Phone Number: 254 61 205 4111

**Team Rankings:**

Available Resources: ★★☆☆☆

Sponsor Interest: ★★☆☆☆

Expected Project Quality: N/A

**Notes:** Projects would likely be related to energy generation, transmission, and power systems. Our contact person stated that they would contact five of their engineering departments to discuss projects with them.

**Our Recommendations:** NamPower should be considered as an MQP sponsor. Mechanical and Electrical Engineering would likely be suitable departments.

# NAMWATER



Supplies water to industries, municipalities, and the Directorate of Rural Water Supply

**Contact Information:** Johannes Sirunda, Head of Research and Development

Email: Sirundaj@namwater.com.na

Business Phone Number: 264 61 71 2198

Cell Phone Number: 264 81 142 9082

## **Team Rankings:**

Available Resources: ★★☆☆☆

Sponsor Interest: ★★☆☆☆

Expected Project Quality: ★★☆☆☆

**Proposed Project Ideas:** Projects would likely be related to customer engagement (IQP), IT assistance (MQP), and hydrology and water quality (MQP).

**Notes:** This organization has worked with NUST and UNAM students in the past, and is open to creating project ideas.

**Our Recommendations:** If Professor Peet chooses to contact this organization, he should allot a significant amount of time for projects to be created; all project ideas need to be authorized by the CEO, which may take a significant amount of time.

# NATIONAL ART GALLERY OF NAMIBIA



Preserves and encourages art in Namibia

**Contact Information:** Annapaula Vakamuena, Project Organizer

Business Phone Number: 264 81 806 8694

## **Team Rankings:**

Available Resources: ★★☆☆☆

Sponsor Interest: ★★☆☆☆

Expected Project Quality: N/A

**Notes:** Our team dropped-in to this organization, so our contact person did not have any project ideas at the time. However, we believe that this organization has the potential for projects, if given time and assistance.

**Our Recommendations:** Professor Peet should help NAGN brainstorm project ideas, if he chooses to work with them.

# NUST: CENTRE FOR TEACHING AND LEARNING



NAMIBIA  
UNIVERSITY  
OF SCIENCE AND  
TECHNOLOGY

This department's goal is to better teaching and learning abilities of NUST faculty and students.

**Contact Information:** Dr. Maurice Nkusi, NUST Director of the Centre for Teaching and Learning

Email: [mnkusi@nust.na](mailto:mnkusi@nust.na)

Business Phone Number: 264 61 207 2559

Cell Phone Number: 264 81 214 7594

**Past IQPs:** "Enhancing E-Learning at the Polytechnic of Namibia"

## **Team Rankings:**

Available Resources: ★★☆☆☆

Sponsor Interest: ★★★★★

Expected Project Quality: ★★★★★

**Proposed Project Ideas:** "Researching the Impact of Learning Management Systems on Students"

"Developing a Moodle App"

"Content Creation for Online Teacher Training"

**Notes:** Although the department does not have a large amount of funding, Maurice stated that he would like to continue working with WPI. Maurice Nkusi strongly believes in advancing virtual schooling, and would like to work on projects related to this.

**Our Recommendations:** Professor Peet should continue to work with this NUST department, and should help plan projects that would not require a large amount of funding.

# NUST: FACULTY OF ENGINEERING



ΝΑΜΙΒΙΑ  
UNIVERSITY  
OF SCIENCE AND  
TECHNOLOGY

Oversees the Departments of Civil & Environmental Engineering, Electrical & Computer Engineering, Mechanical & Marine Engineering, and Mining & Process Engineering

**Contact Information:** Dr. Samuel John, Dean of Engineering

Email: [sjohn@nust.na](mailto:sjohn@nust.na)

Business Phone Number: 264 61 207 2548

Cell Phone Number: 264 61 207 9548

## **Team Rankings:**

Available Resources: ★ ★ ★ ★ ☆

Sponsor Interest: ★ ★ ★ ★ ★

Expected Project Quality: ★ ★ ★ ★ ☆

## **Proposed Project Ideas:**

Dr. John proposed a project to research fire safety standards, which could lead to an IQP to make recommendations, or an MQP for students interested in Fire Protection Engineering.

**Notes:** Engineering students at NUST must complete a team design project, and an individual capstone project. NUST has partnered with Gobabeb Research and Training Centre, NamPower, NamWater, and various ministries to complete these projects. Dr. Samuel John believes that past partnerships with WPI has gone well, due to similar interests.

During a second meeting with several branches of engineering, Dr. Samuel John agreed to compile 4-5 potential MQP prompts.

**Our Recommendations:** Professor Peet should follow up with Dr. Samuel John about potential MQP prompts.



# NUST: HEALTH AND APPLIED SCIENCES



ΠΑΜΙΒΙΑ  
UNIVERSITY  
OF SCIENCE AND  
TECHNOLOGY

Oversees the Departments of Mathematics and Statistics, Health Sciences, and Natural and Applied Sciences

**Contact Information:** Dr. Sehaam Khan, Dean of Health and Applied Sciences

Email: skhan@nust.na

Business Phone Number: 254 61 207 2959

Cell Phone Number: 264 81 333 0417

## **Team Rankings:**

Available Resources: ★ ★ ★ ★ ☆

Sponsor Interest: ★ ★ ★ ★ ★

Expected Project Quality: ★ ★ ★ ★ ☆

**Proposed Project Ideas:** Implementation of a tutoring program to assist students taking basic science courses.

**Notes:** Although there is already a tutoring program in place, it cannot hold enough students to accommodate the student body's need. Approximately 70% of full-time students pass their basic science exams the first time, 60% for part-time students, and only 30% of distance students, likely because distance students only meet twice a month.

**Our Recommendations:** Our group believes that the current basic science tutoring program should be improved upon to accommodate a higher number of students, and to focus more on distance students.

# NUST: DEPARTMENT OF MANAGEMENT SCIENCES



ΠΑΜΙΒΙΑ  
UNIVERSITY  
OF SCIENCE AND  
TECHNOLOGY

Oversees the Departments of Marketing & Logistics, Accounting, Economics & Finance, Hospitality & Tourism, and Management

**Contact Information:** Erling Kavita, Senior Lecturer of Hospitality and Tourism

Email: ekavita@nust.na

Office Phone Number: 207 2556

Cell Phone Number: 081 761 6468

**Past IQPs:** “The Contribution of Ecotourism in Local Development -- The Case of the Torra Conservancy”

## **Team Rankings:**

Available Resources: ★★☆☆☆

Sponsor Interest: ★★★★★

Expected Project Quality: ★★★★★☆

**Proposed Project Ideas:** “Examining the Effects of Rhino Poaching on Tourism”

“Recommendations to Improve Customer Service”

**Notes:** Professor Kavita was extremely enthusiastic to work with WPI students in the future, and has had a positive experience working with WPI students in the past. Professor Kavita stressed multiple times that his department did not have any funding for projects.

**Our Recommendations:** Professor Peet should only attempt to work with this department if there are project proposals that require little/no funding. The project idea “Recommendations to Improve Customer Service” could possibly fit into this category.

# NUST: NATURAL RESOURCES AND SPATIAL SCIENCES



NAMIBIA  
UNIVERSITY  
OF SCIENCE AND  
TECHNOLOGY

Oversees the Departments of Agriculture & Natural Resources Sciences, Architecture & Spatial Planning, Geo-Spatial Sciences & Technology, and Land & Property Sciences

**Contact Information:** Lameck Mwewa, Associate Dean

Email: [lmwewa@nust.na](mailto:lmwewa@nust.na)

Business Phone Number: 264 61 207 2186

Cell Phone Number: 264 81 212 2847

**Past IQPs:** “A Recommended Recycling Processing System for the Informal Waste Collectors of Oshakati, Namibia”

## **Team Rankings:**

Available Resources: ★ ★ ★ ★ ★

Sponsor Interest: ★ ★ ★ ★ ☆

Expected Project Quality: ★ ★ ★ ★ ☆

**Proposed Project Ideas:** Creating a chain of cultural tourism locations in small villages, where tourists could stay for a few days and experience the culture

**Notes:** Professor Mwewa would like to continue the recycling project from 2017, and will be available in D term 2019. He has had a positive experience working with WPI students in the past, and would like to continue to be a sponsor.

**Our Recommendations:** This department should continue sponsoring D term IQPs, and has the potential to sponsor MQPs in the future.

# PHYSICALLY ACTIVE YOUTH



Promotes life skills and physical activity for children through an after-school program

**Contact Information:** Ursula Matzopoulos, Program Manager

Email: [uvmatz@gmail.com](mailto:uvmatz@gmail.com)

Cell Phone Number: 264 81 127 9074

## **Team Rankings:**

Available Resources: ★★☆☆☆

Sponsor Interest: ★★★★★

Expected Project Quality: ★★★★★

**Proposed Project Ideas:** Update classroom materials to align with the syllabus released by the Ministry of Education, and provide online modules to reinforce classroom material

**Notes:** PAY receives their curriculum and funding from the Ministry of Education. They also have robotics and coding classes for their students in coordination with NUST. PAY stated that they have difficulty with ensuring that their material is helpful and engaging, and with giving information to parents that help them prepare for college applications.

**Our Recommendations:** Professor Peet should arrange projects related to the proposed project ideas, or to outlining a college readiness program.

# TRANSNAMIB HOLDINGS LTD.



Provides freight and passenger services by rail and road

**Contact Information:** Michael Feldmann, Executive of Operations

Email: Michael.feldmann@transnamib.com.na

Business Phone Number: 264 61 298 1111

Cell Phone Number: 264 81 163 4944

**Past IQPs:** “Getting on the Right Track – An Analysis of Human Factors to Improve Reliability and Safety in Operations at Namibia’s Railway Company, TransNamib”

## **Team Rankings:**

Available Resources: ★★☆☆☆

Sponsor Interest: ★★★★★

Expected Project Quality: N/A

**Notes:** Our contact person would like to continue to sponsor IQPs, and believes that there is the potential for Civil, Electrical, Mechanical, and Industrial Engineering and MQPs except he would not be the liaison. We spoke with the current IQP team, whom felt that although they liked having TransNamib as a sponsor, they believe that MQPs would be a better fit than IQPs for the future.

**Our Recommendations:** Due to the large size and current state of TransNamib, this organization should switch to MQPs, to allow students to have a larger impact.

# WALVIS BAY CORRIDOR GROUP



Promotes the utilization of the network of transport corridors in Namibia

**Contact Information:** Gilbert Boois, Project Manager of Spatial Development Initiatives

Email: [sdi-manager@wbcg.com.na](mailto:sdi-manager@wbcg.com.na)

Business Phone Number: 264 61 251 669

Cell Phone Number: 264 81 287 8945

**Past IQPs:** “Enhancing the Capacity of the Transport Sector in Namibia”

“The Establishment of Truck Stops Along the Walvis Bay Corridors”

**Team Rankings:**

Available Resources: ★★★★★

Sponsor Interest: ★★★★★

Expected Project Quality: ★★★★★☆

**Proposed Project Ideas:** “Converting Bush to Animal Feed”

“Outlining Steps to Implement a Truck Stop”

**Notes:** Our contact person has had a positive experience working with WPI students in the past, and would like to continue partnership. WBCG is currently working with UNIDO on a 30 month project to convert harmful bush into animal feed; our contact person would like to incorporate WPI students into this project. We also met with the current WPI team, whom enjoyed working with WBCG, but wished that they had more time and resources to implement their project.

**Our Recommendations:** Professor Peet should consider the Bush to Animal Feed project for a future IQP, and should create a Computer Science MQP to implement the work of the D term 2018 team into an application.