

Bursary, Internship and Mentorship Report: Summary and Results September 2018

Overview

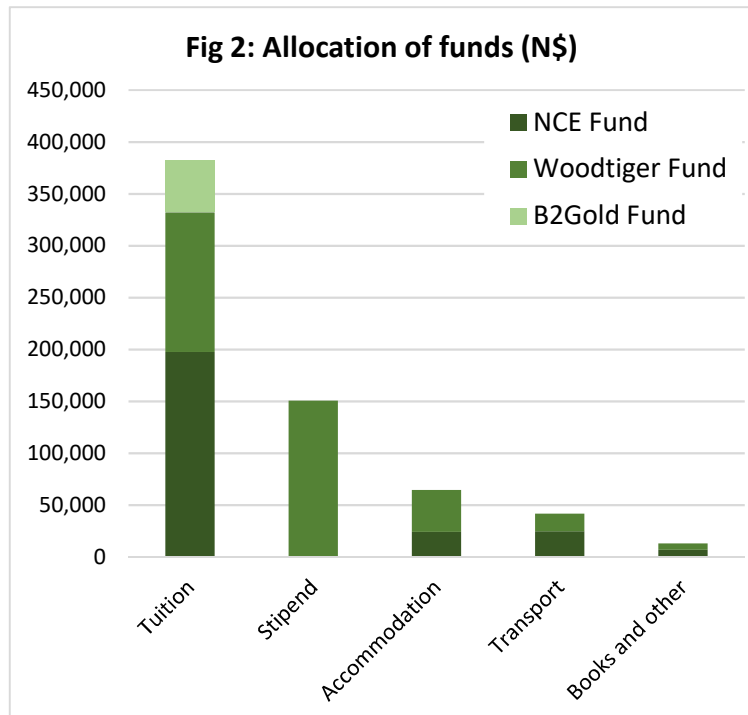
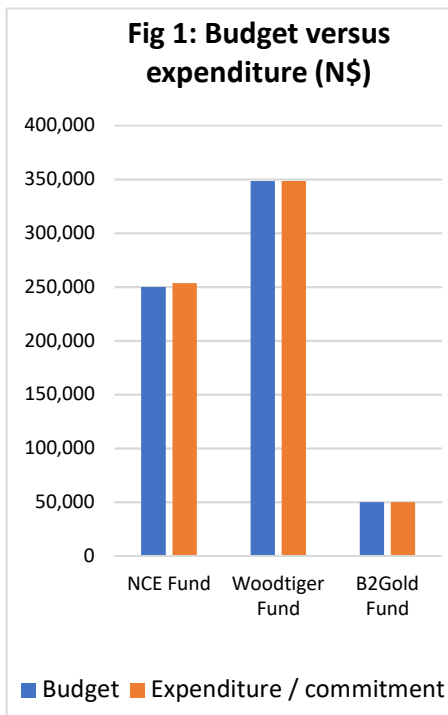
In total, 13 bursaries were awarded to a carefully selected group of honors and masters students, studying in various fields within the environment sector.

Financial

The source of funding for the 2018 bursary and internship fund was as follows:

NCE Fund:	N\$250,000
Woodtiger Fund (USA):	N\$348,432
B2Gold Namibia:	<u>N\$ 50,000</u>
Total:	N\$648,432

An amount of N\$651,977 was committed to support the students, 0.5% over budget (Fig 1), because the tuition fees for 2018 published in late 2017 were changed at the start of 2018, after the NCE had made commitments to students. Of the total, N\$382,137 (58.6%) was allocated to tuition fees (Fig 2). Other bursary support (accommodation, transport, books) amounted to N\$119,240 (18.3%). An amount of N\$150,600 (23.1%) was allocated to internship stipends and related field expenses for project work during which mentorship support was provided.



Budgetary support (N\$)	NCE Fund	Woodtiger Fund	B2Gold Fund	Totals
Tuition	197,639	134,498	50,000	382,137
Stipend	-	150,600	-	150,600
Accommodation	24,206	40,334	-	64,540
Transport	24,700	17,000	-	41,700
Books and other	7,000	6,000	-	13,000
Budget	250,000	348,432	50,000	648,432
Expenditure / commitment	253,545	348,432	50,000	651,977

Bursary student summary and results

Esleen Guriras (main source of support – Woodtiger Fund)

Region: Erongo
 Studies: Honours in Regional and Rural Development
 Institution: Namibia University of Science and Technology
 Internship: Yes
 Project: Urban environment, including informal settlement, housing, energy, and urban-rural migration.
 Mentor: Dr Beat Weber (Development Workshop - Namibia)

Total Amount Awarded: **N\$ 77,360**
 Breakdown: Tuition Fees: N\$ 23,360
 Internship Stipend: N\$ 50,000
 Transport: N\$ 4,000

Academic results:
 71% Advanced Applied Spatial Planning
 71% Methods in Regional and Rural Development
 63% Research Methodology Semester
 66% Rural Development in Practice

Alina Nambuli (main source of support – Woodtiger fund)

Region: Oshana
 Studies: Honours in Regional and Rural Development,
 Institution: Namibia University of Science and Technology
 Internship: Yes
 Project: Urban environment, including informal settlement, housing, energy, and urban-rural migration.
 Mentor: Dr Beat Weber (Development Workshop - Namibia)

Total Amount Awarded: **N\$ 77,360**
 Breakdown: Tuition Fees: N\$ 23,360
 Internship Stipend: N\$ 50,000
 Transport: N\$ 4,000



Results:

77% Academic Writing for Postgraduate Students
61% GIS and Remote Sensing
54% Integrated Water Resources Management
58% Water Supply and Sanitation

Lorentha Haraes (main source of support – Woodtiger fund)

Region: Kunene
Studies: Masters in Natural Resources Management
Institution: Namibia University of Science and Technology
Internship: Yes
Project: Aerial photographic wildlife census methods for large conservation areas in Namibia and Angola.
Mentor: Dr Morgan Hauptfleisch (NUST), Dr John Mendelsohn (RAISON) & Dr Chris Brown (NCE)

Total Amount Awarded: **N\$ 74,600**
Breakdown: Accommodation: N\$ 30,000
Internship Stipend: N\$ 40,600
Transport: N\$ 4,000

Results:

Not yet available - currently writing up thesis.

First piece of research published at: <http://www.nje.org.na/index.php/nje/article/view/volume2-mendelsohn/20>

Geovanna lipinge (main source of support – NCE fund)

Region: Kavango
Studies: Honours in Natural Resources Management
Institution: Namibia University of Science and Technology
Internship: Yes
Project: Assessment of the status of the invasive alien cactus *Opuntia stricta* on the Okavango floodplains and the effectiveness of the cochineal bio-control agent.
Mentor: Shirley Bethune (NUST) and Dr Chris Brown (NCE)

Total Amount Awarded: **N\$ 46,520**
Breakdown: Tuition: N\$ 24,520
Accommodation: N\$ 30,000
Internship Stipend: N\$ 10,000
Transport: N\$ 2,000
Other: N\$ 2,000

Results:

60% Conservation Biology
62% Research Methodology (Nature Conservation)
53% Rangeland and Wildlife Management
64% Water and Wetland Management"



Ester Kayala (main source of support – Woodtiger fund)

Region: Oshana
Studies: Masters in Biodiversity Management & Research
Institution: University of Namibia
Internship: No

Total Amount Awarded: **N\$ 42,980**
Breakdown: Tuition: N\$ 21,440
Accommodation: N\$ 21,540

Results:
Not yet available – working on thesis
73% Academic Writing for Postgraduate Students

Nestor Hainana (main source of support – NCE fund)

Region: Oshikoto
Studies: Masters in Integrated Water Resource Management
Institution: Namibia University of Science and Technology
Internship: No

Total Amount Awarded: **N\$ 48,000**
Breakdown: Tuition: N\$ 35,000
Accommodation: N\$ 5,000
Transport: N\$ 4,000
Other: N\$ 4,000

Results:
68% Water supply management
66% Wastewater management

Martha Alfeus (main source of support – Woodtiger fund)

Region: Khomas
Studies: Master's in Agriculture, Forestry & Population Structure
Institution: Namibia University of Science and Technology
Internship: No

Total Amount Awarded: **N\$ 16,818**
Breakdown: Tuition: N\$ 11,818
Transport: N\$ 3,000
Other: N\$ 2,000

Results:
Not yet available – working on thesis, the topic being: An assessment of the demographic status and spatial distribution of roan (*Hippotragus equinus*) and sable (*Hippotragus niger*) antelope populations in the Waterberg Plateau Park, Namibia. Comparing camera trap, spoor and aerial survey data and water hole counts.



Stephanie Strauss (main source of support – NCE fund)

Region: Khomas
Studies: Post graduate Diploma in Environmental Management / Mphil Environmental Management
Institution: University of Stellenbosch
Internship: No

Total Amount Awarded: **N\$ 37,509**
Tuition: N\$ 37,509

Results:
83% Environmental Issues
81% Sustainable Development
75% Environmental Ethics
73% Environmental Economics
Pending - Environmental Law
68% Environmental Governance
92% GIS

Mupurua Kunandjambi (main source of support – NCE fund)

Region: Khomas
Studies: Master's in Water Resource Management
Institution: University of Namibia
Internship: No

Total Amount Awarded: **N\$ 32.570**
Breakdown: Tuition: N\$ 27,570
Other: N\$ 5,000

Results:
Not yet available

Senior Shimhanda (main source of support – NCE fund)

Region: Oshikoto
Studies: Master of Environmental Engineering
Institution: Namibia University of Science and Technology
Internship: No

Total Amount Awarded: **N\$ 42,920**
Breakdown: Tuition: N\$ 22,920
Transport: N\$ 4,000
Accommodation: N\$ 16,000

Results:
63% Bio Energy
69% Environmental systems and tools
63% Energy efficiency technology
70% Environmental fluid mechanics



Diina Mwaala (main source of support – NCE fund)

Region: Karas
Studies: Master of Science in Fisheries and Aquatic Management
Institution: University of Namibia
Internship: No – but mentored by Dr J-P Roux in MFMR

Total Amount Awarded: **N\$ 24,640**
Breakdown: Tuition: N\$ 24,640

Results:
86% Fisheries and aquatic sciences

Benoit Morkel (main source of support – B2Gold Namibia & NCE fund)

Region: Karas
Studies: Masters in Conservation Science
Institution: Imperial College London
Internship: No

Total Amount Awarded: **N\$ 100,000**
Breakdown: Tuition: N\$ 100,000

Results:
Durrell Conservation Wildlife Trust
B Oral Presentation
C Policy-focused Essay Examination
B Policy-focused Essay Examination
B Zoological Society London
B Grant Proposal
Thesis – not yet complete, entitled: "The demand for elephant ivory in Japan from the peak of the country's domestic market in the 1980s to the present day."

Paulina Engelbrecht (main source of support – Woodtiger fund)

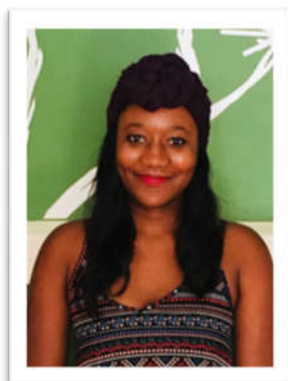
Region: Erongo
Studies: Master's in Environmental Management
Institution: University of Stellenbosch
Internship: No

Total Amount Awarded: **N\$ 30,700**
Breakdown: Transport: N\$ 16,700
Accommodation: N\$ 14,000

Results:
Not yet available



Research Funding



Petra Mutota

Project: Development of a tool to accurately identify the 35 most serious invasive alien plant species, to aid the mapping of their distribution in Namibia using citizen science and the EIS app.

Total funding awarded: **N\$ 21,600**

Breakdown: Transportation N\$ 2,100
 Stipend N\$ 16,000
 Food & camping N\$ 3,500



Geovanna Ipinge

Project: Assessment of the distribution and density of *Opuntia stricta* on the Okavango floodplain and adjacent areas near Rundu, the effectiveness of the cochineal *Dactylopius opuntinae* “*ficus-indica* biotype” bio-control species originally released to control *Opuntia ficus-indica* on *Opuntia stricta* and the perceived benefits of *Opuntia stricta* to the community living there.

Total funding awarded: **N\$ 40,400**

Breakdown: Transportation N\$ 4,600
 Stipend N\$ 30,000
 Equipment N\$ 1,800
 Supervisor visit N\$ 4,000



Summary: Internship and Research Funding

Includes additional students not on bursaries



Full Name	Course	Institution	Duration of Internship	Duration of Research Funding	Internship Stipend & field costs (N\$)	Place of internship
Lorentha Haraes	Masters in Natural Resource Management	Namibia University of Science and Technology	12 months	N/A	44,600	NCE and Bushskies Aerial Photography
Alina Nambuli	Honors in Regional and Rural Development	Namibia University of Science and Technology	12 months	N/A	54,000	NCE and DW Namibia



Esleen Guriras	Honors in Regional and Rural Development	Namibia University of Science and Technology	12 months	N/A	54,000	NCE and DW Namibia
Geovanna Ipinge	Honours in Natural Resources Management (Nature Conservation)	Namibia University of Science and Technology	N/A	6 months	40,400	Namibia University of Science and Technology
Petra Mutotua	Honours in Natural Resources Management (Nature Conservation)	Namibia University of Science and Technology	N/A	6 months	21,600	Namibia University of Science and Technology
Mupurua Kunandjambi	MSc in Water Resource Management	University of Namibia	6 months	N/A	24,000	DW Namibia
Milton Mushindi	MSc in Water Resource Management	University of Namibia	3.5 months	N/A	14,000	Ministry of Environment and Tourism
Charne Eiman	B.E Mining Engineering	Namibia University of Science and Technology	6 months	N/A	30,000	Environmental Compliance Consultancy
Johanna Ithindi	MSc in Water Resource Management	Namibia University of Science and Technology	6 months	N/A	30,000	Environmental Compliance Consultancy
			TOTAL		312,600	

Gallery

Lorentha Haraes: Aerial photographic surveys and game counts



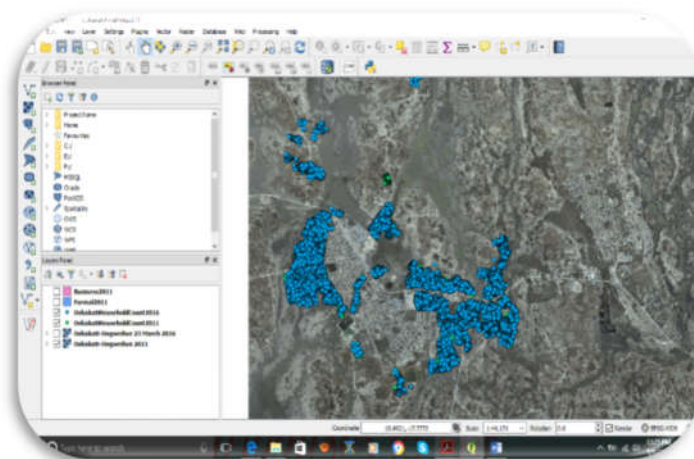
Senior Shimhanda: Lesotho solar cooker

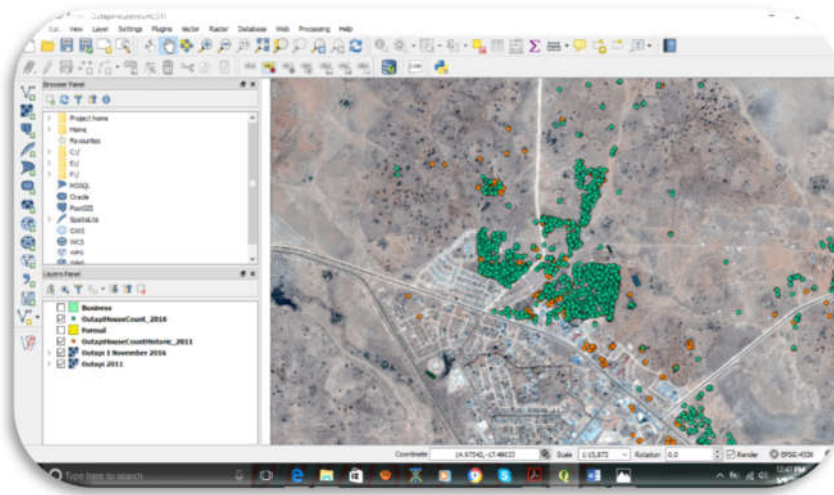


Ester Kayala: working at Langer Heinrich Uranium mine



Alina Nambuli and Esleen Guriras: Mapping of shacks in Oshakati (blue) and Outapi (green),





Alina Nambuli and Esleen Guriras: Working on communal waterpoint, Gobabis



Paulina Engelbrecht: Community work at the Sustainability Institute in Harare

