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**Subject:** Call: Winetech 2022/2023 applications: Submission date 21 February 20022  
**Date:** Tuesday, 23 November 2021 13:53:57  
**Attachments:** [image001.png](#)  
[image002.png](#)  
[image003.png](#)  
[Winetech Themes and Research Call 2022 \(1\).pdf](#)  
[Full Cost ICRR and IDU 2021\\_20210101 \(1\).xism](#)

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**Hierdie inligting word aan 'n verspreidingslys van alle US-navorsers gestuur. Dit mag dus wees dat hierdie spesifieke oproep nie van toepassing is op u studieveld nie. Ons vertrou dat toekomstige oproepe wel relevant mag wees.**

***This information is sent to a distribution list of all SU researchers. It may, therefore, be possible that this specific call is not applicable to your specific research field. We trust that future calls will be relevant.***

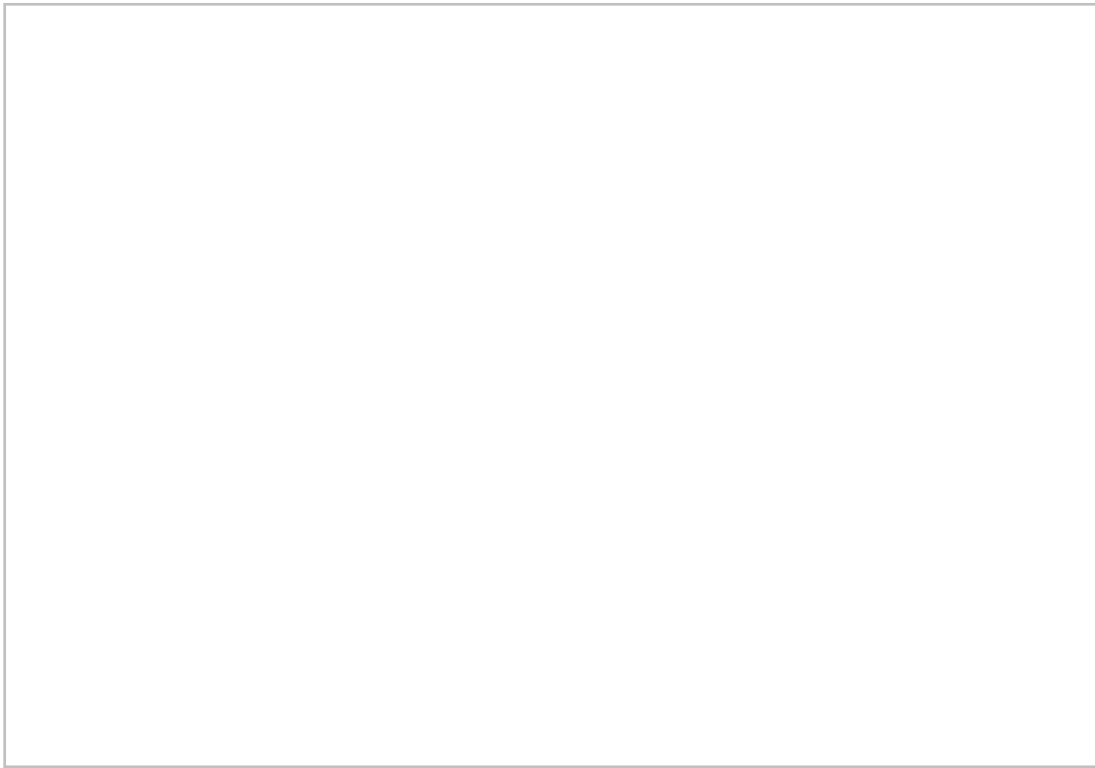
English is further below.

Beste Navorsers

Vind asb aangeheg die Winetech navorsingsoproep vir 2022/23. Om aansoek te doen bestudeer asb die aangehegte dokument vir instruksies.

U word vriendelik versoek om die volkoste templaar te voltooi vir die berekening van die konsepbegroting, en aan een van ons rekenmeesters ([audreyerasmus@sun.ac.za](mailto:audreyerasmus@sun.ac.za) of [chantalhugo@sun.ac.za](mailto:chantalhugo@sun.ac.za)) te stuur om saam met u na te gaan. Finale konsepaansoeke moet **teen 21 Februarie 2022 by Winetech** aanlyn ingedien word. Neem asb kennis dat die BVV van 2021 tans ingesluit is in die volkostemplaar en aangepas moet word vir 2022.

Indien u aansoek deurgaans na die tweede rondte, sal 'n finale volkoste-begroting, formeel afgeteken deur ons rekenmeesters, verlang word deur Winetech. Neem verder kennis van 'n onlangse vergunning aan Winetech in terme van die toepassing van die Indirekte Koste Verhalings Koers (IKVK) Beleid. Skakel asb met ons rekenmeesters om u by te staan in hierdie geval:



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*Hierdie kennisgewing is aan u gestuur deur die Afdeling Navorsingsontwikkeling (ANO) van Universiteit Stellenbosch.  
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die verspreidingslys van kommunikasie rakende befondsingsgeleenthede wat deur ANO geadministreer word.*

*Dear Researchers*

*Please find attached the Winetech research call for 2022/23. To apply, please study the attached document for instructions.*

*We kindly request that you will complete the full cost template for your budget calculation and to send it to one of our accountants ([audreyerasmus@sun.ac.za](mailto:audreyerasmus@sun.ac.za) or [chantalhugo@sun.ac.za](mailto:chantalhugo@sun.ac.za)) for review. Final concept applications must be submitted **to Winetech online by 21 February 2021**. Please note that the BRL for 2021 is currently included in the full cost template and must be amended for 2022.*

*If your application proceeds to the second round, a final full cost budget, formally signed-off by our accountants, will be requested by Winetech. Please also take note of the exception that SU made in terms of the application of the Indirect Cost Recovery Rate (ICRR) Policy. Please don't hesitate to contact the accountants if your need assistance:*



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me to communication regarding funding opportunities administrated by DRD.

Baie dankie / Kind regards

**Cornelia Malherbe**

MBA, MSc, IP Spes.

*Director: Research Contracts*

*Direkteur: Navorsingskontrakte*



**Afdeling Navorsingsontwikkeling / Division for Research Development**

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**From:** Brigitte Cyster <[cysterb@winetech.co.za](mailto:cysterb@winetech.co.za)>

**Sent:** Tuesday, 23 November 2021 11:45

**To:** Andraga <[Andraga@winetech.co.za](mailto:Andraga@winetech.co.za)>

**Subject:** WINETECH REQUEST FOR RESEARCH PROJECTS

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Good day All

Please find attached research call for the South African Wine Industry 2022.

Applications will open on the Winetech website on 21 January 2022.  
Submit applications by 21 February 2022.

Best wishes

Brigitte

**BRIGITTE CYSTER**  
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## **Research Call for the South African Wine Industry 2022**

### **Research, Development and Innovation Portfolio**

#### **RESEARCH PORTFOLIO 2022/2023**

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**Winetech will give strong preference to research projects which will ultimately deliver practical and economic benefits to the industry. Researchers should liaise with industry stakeholders to better understand cost implications and relevance of their research projects. Our Strategic focus is to achieve a research distribution of 20% Fundamental research, 60% Applied research (for Industry) and 20% Innovation research by the end of 2022.**

#### IMPORTANT CONSIDERATIONS

The Wine Industry Research funding is under pressure for 2022. However, Winetech will continue to drive innovation: new products, processes, methods and practical solutions proven by science, especially if they hold potential for generating income (through patents and licensing).

In support of the agricultural research development plan and our statutory mandate from the National Agricultural Marketing Council (NAMC) we continue to build our transformation portfolio and research applications in this regard will receive priority.

#### **RESEARCH CALL FOR 2022**

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**Winetech will continue to drive current running projects in OENOLOGY, VITICULTURE and KNOWLEDGE TRANSFER forward to achieve Applied or Innovative outcomes for industry. Winetech has reviewed its current portfolio and needs to focus on OENOLOGY research to grow in this area in 2022, but specific research fields in VITICULTURE remain relevant. Projects containing both fundamental and applied components, with clearly demonstrated immediate or future industry benefits, can be submitted for concept proposals. Project problem identifications and motivations must be clear and aim to achieve the industry benefits as listed below.**

Please note other criteria such as academic value, project cost and researcher track record with Winetech will also be considered.

#### **For OENOLOGY**

##### **PRIORITY: PROCESS IMPROVEMENT - to save money**

The SA wine industry continues to face severe economic constraints and the main concerns with most stakeholders are cost saving initiatives as part of process improvement to optimise production and lowering the risk of wine faults. This area includes the process from harvested grapes to packaged products.

##### **PRIORITY: QUALITY IMPROVEMENT - to increase money**

Wine production and fermentation technologies are critical for processing the quality potential of grapes into quality wine. The challenge is also to maintain the quality in the packaged form as long as possible. Research that will drive premiumisation strategies and motivate, improve and secure quality without incurring high costs is required. In the case of this priority, previous and current research projects should clearly demonstrate the applied value in future proposals, with innovative ideas receiving preference.

## **PRIORITY: METHOD DEVELOPMENT - not to lose money**

In order for winemakers to make informed decisions on which winemaking option to implement, or not, proper measurement techniques need to exist. The same goes for researchers in terms of making sound conclusions from data. Which measurements will improve quality, processes and address potential international trade barriers. Authenticity and adulteration of alcoholic beverages are focus areas that require attention and create new research opportunities!

## **OENOLOGY FOCUS AREAS**

- Cost reduction of wine production (How can your project outcomes drive cost reduction?)
- Safety / Health (Stability of Sulphur free wines, Critical new wine analyses, Alternative wine preservation, Adulteration of wines)
- How can intrinsic biological wine data be used to drive premiumisation for winemakers?
  - What can be measured in wine, which analytes, that proves it is worth more?
- How can wineries be more water efficient during production?
- How to reduce energy usage in terms of cost and carbon footprint.
- Circular economy - Feasible valorisation of winery generated waste (Recycling of filter sheets and other winery waste and turning it into Compost with economic viability).

NOTE: There is a global drive towards authenticity of wines and the detection of adulterated wines by the addition of water and other non-grape sugars. Winetech welcomes research ideas.

## **For VITICULTURE**

In the Winetech Viticulture portfolio we shall primarily focus on the following areas for the 2022/2023 research call:

## **VITICULTURE FOCUS AREAS**

- Adding value to existing flagship projects (example: water, breeding, climate change readiness, linking terroir and cultivars)
- Soil Health (example: transfer of elements from soil to grape juice - link to juice quality, how does soil health and plant health correlate - increase in yield/quality over time)
- Environmental sustainability (example: alternatives/reducing the use of pesticides/fungicides, plant health, reduce disease susceptibility, longevity of plant material)

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## **PLEASE NOTE**

- This does however not mean that research outside of these themes / priorities will not be considered at all, but probably only at a lower priority ranking.
- Projects need to address their intended outcomes within the specified years of funding.
- Where applicable, projects need to include an economic impact study.
- Other than generating new knowledge, a service or a product, a well-defined knowledge transfer plan must be part of the project outcome.
- The connection with wine and sensory themes needs to be stressed where applicable and collaborative projects are encouraged.
- Innovation is an important strategic priority for Winetech. Winetech therefore encourages researchers to present research projects which are innovative (or even disruptive) where the status quo is challenged, in order to deliver ground breaking outputs for the South African Wine Industry.
- Winetech requests proof that projects incorporate industry liaison and knowledge exchange.
- For applications, please refer to our website to see our process and the terms and conditions of Winetech funding <http://www.winetech.co.za/research-applications>.

**APPLICATIONS WILL OPEN ON OUR WEBSITE ON 21 JANUARY 2022  
SUBMIT APPLICATIONS BY 21 FEBRUARY 2022.**

**CONTRACT BUDGET: RESEARCH BUDGET**

PROJECT NAME:	Enter NAME
FACULTY:	

All figures entered into the FULL COST BUDGET will automatically be reflected in this CONTRACT PRICE BUDGET.  
 These figures thus copied are reflected as a guideline only and may be edited, deleted or added to, to fulfill contract requirements, and determine the CONTRACT PRICE.  
 For budgets in foreign currency please complete this budget first, foreign currency budget will be addressed at the next stage.

DIRECT COST				Year 1 2021			Year 2 2022			Year 3 2023			Year 4 2024			Year 5 2025	TOTAL FULL COST	
<b>1. Personnel</b>																		
1.1	US Professional personnel and US research support personnel	Minimum tariff per hour that you may ask for this US employee (Refer to R 0,00)	Hours	Rate/hour	Amount	Hours	Rate/hour	Amount	Hours	Rate/hour	Amount	Hours	Rate/hour	Amount	Hours	Rate/hour	Amount	Total Amount
		R 0,00			R -		R -	R -		R -	R -		R -	R -		R -	R -	R -
		R 0,00			R -		R -	R -		R -	R -		R -	R -		R -	R -	R -
		R 0,00			R -		R -	R -		R -	R -		R -	R -		R -	R -	R -
		R 0,00			R -		R -	R -		R -	R -		R -	R -		R -	R -	R -
		R 0,00			R -		R -	R -		R -	R -		R -	R -		R -	R -	R -
	<i>Total US personnel</i>				R -		R -	R -		R -	R -		R -	R -		R -	R -	R -
1.2	External personnel (e.g. Consultants)		Hours	Rate/hour	Amount	Hours	Rate/hour	Amount	Hours	Rate/hour	Amount	Hours	Rate/hour	Amount	Hours	Rate/hour	Amount	Total Amount
					R -			R -			R -			R -			R -	R -
					R -			R -			R -			R -			R -	R -
					R -			R -			R -			R -			R -	R -
	<i>Total external personnel</i>				R -			R -			R -			R -			R -	R -
	<i>Total personnel</i>				R -			R -			R -			R -			R -	R -
<b>2. Equipment</b>			Units	Price/unit	Amount	Units	Price/unit	Amount	Units	Price/unit	Amount	Units	Price/unit	Amount	Units	Price/unit	Amount	Total Amount
2.1	Computers & hardware		1		R -			R -			R -			R -			R -	R -
2.2	Other				R -			R -			R -			R -			R -	R -
2.3					R -			R -			R -			R -			R -	R -
	<i>Total equipment</i>				R -			R -			R -			R -			R -	R -
	<i>Equipment exempted from ICRR</i>				R -			R -			R -			R -			R -	R -
<b>3. Running costs</b>			Units	Price/unit	Amount	Units	Price/unit	Amount	Units	Price/unit	Amount	Units	Price/unit	Amount	Units	Price/unit	Amount	Total Amount
3.1	Material (e.g. Reagents, electronic components)				R -			R -			R -			R -			R -	R -
3.2	Stationery and printing				R -			R -			R -			R -			R -	R -
3.3	Services				R -			R -			R -			R -			R -	R -
3.4	Consumable material (e.g. Pipette, petri dishes)				R -			R -			R -			R -			R -	R -
3.5	Analysis of samples				R -			R -			R -			R -			R -	R -
3.6	Use of equipment				R -			R -			R -			R -			R -	R -
3.7	Maintenance of equipment				R -			R -			R -			R -			R -	R -
3.8	Sundry expenses				R -			R -			R -			R -			R -	R -
3.9	Project specific insurance				R -			R -			R -			R -			R -	R -
3.10	Software				R -			R -			R -			R -			R -	R -
3.11	Communication and data costs				R -			R -			R -			R -			R -	R -
3.12	Printing				R -			R -			R -			R -			R -	R -
3.13					R -			R -			R -			R -			R -	R -
3.14					R -			R -			R -			R -			R -	R -
3.15					R -			R -			R -			R -			R -	R -
3.16					R -			R -			R -			R -			R -	R -
3.17					R -			R -			R -			R -			R -	R -
	<i>Total running costs</i>				R -			R -			R -			R -			R -	R -
<b>4. Audit fees (if additional audit is requested from client)</b>			Units	Price/unit	Amount	Units	Price/unit	Amount	Units	Price/unit	Amount	Units	Price/unit	Amount	Units	Price/unit	Amount	Total Amount
	<i>Audit fees</i>				R -			R -			R -			R -			R -	R -
<b>5. Travel costs, conferences, workshops &amp; seminars</b>			Units	Price/unit	Amount	Units	Price/unit	Amount	Units	Price/unit	Amount	Units	Price/unit	Amount	Units	Price/unit	Amount	Total Amount
5.1	Domestic travel to workshops / conferences				R -			R -			R -			R -			R -	R -
5.2	International travel to workshops / conferences				R -			R -			R -			R -			R -	R -
5.3	Accommodation				R -			R -			R -			R -			R -	R -
5.4	Registration cost				R -			R -			R -			R -			R -	R -
5.5	Per diems (daily allowances)				R -			R -			R -			R -			R -	R -
5.6	Other travel costs				R -			R -			R -			R -			R -	R -
	<i>Total travel cost, conferences etc</i>				R -			R -			R -			R -			R -	R -
<b>6. Any other expenses directly related to the research project</b>			Units	Price/unit	Amount	Units	Price/unit	Amount	Units	Price/unit	Amount	Units	Price/unit	Amount	Units	Price/unit	Amount	Total Amount
6.1	Research Management Data				R -			R -	Units		R -			R -			R -	R -
6.2					R -			R -			R -			R -			R -	R -

DIRECT COST		Year 1	Year 2	Year 3	Year 4	Year 5	TOTAL										
6.3		R -	R -	R -	R -	R -	R -										
	Total other expenses	R -	R -	R -	R -	R -	R -										
<b>SUBTOTAL A (TOTAL DIRECT COST excluding Bursaries, Levies and Indirect Costs)</b>		<b>R -</b>	<b>R -</b>	<b>R -</b>	<b>R -</b>	<b>R -</b>	<b>R -</b>										
Subtotal A, excluding equipment amount exempted from ICRR		R -	R -	R -	R -	R -	R -										
	Departmental levy	0%															
	Faculty levy	0%															
	ICRR	20%															
	Total Overhead charges	20%															
	Overheads total charge (Subtotal A excl exempted equipment)	R -	R -	R -	R -	R -	R -										
	Overheads total charge (Exempted equipment)	R -	R -	R -	R -	R -	R -										
<b>7. Departmental / Faculty Indirect Cost</b>		Amount	Amount	Amount	Amount	Amount	Total Amount										
7.1	Departmental levy (Support cost within department)	R -	R -	R -	R -	R -	R -										
7.2	Faculty levy (if academic footprint is not sufficient)	R -	R -	R -	R -	R -	R -										
	Total faculty & departmental indirect cost	R -	R -	R -	R -	R -	R -										
<b>SUBTOTAL B (TOTAL COST excluding ICRR and Bursaries)</b>		<b>R -</b>	<b>R -</b>	<b>R -</b>	<b>R -</b>	<b>R -</b>	<b>R -</b>										
<b>8. ICRR (Indirect Cost Recovery Rate)</b>		Amount	Amount	Amount	Amount	Amount	Total Amount										
	ICRR as per Cover Page (excluding IP Transfer Fee and Bursaries)	R -	R -	R -	R -	R -	R -										
<b>SUBTOTAL C (TOTAL COST excluding Bursaries)</b>		<b>R -</b>	<b>R -</b>	<b>R -</b>	<b>R -</b>	<b>R -</b>	<b>R -</b>										
<b>9. IP Transfer Fee</b> <a href="#">LINK to IP PRICING TOOL</a> <b>0%</b>		Amount	Amount	Amount	Amount	Amount	Total Amount										
	0% of Subtotal C (only applicable if clients want to own the IP)	R -	R -	R -	R -	R -	R -										
<b>SUBTOTAL D</b>		<b>R -</b>	<b>R -</b>	<b>R -</b>	<b>R -</b>	<b>R -</b>	<b>R -</b>										
<b>10. VAT</b> <i>If Foreign payment, then VAT = zero.</i>		Amount	Amount	Amount	Amount	Amount	Total Amount										
	15% of Subtotal D	R -	R -	R -	R -	R -	R -										
<b>11. Bursaries</b>		Units	Price/unit	Amount	Units	Price/unit	Amount	Units	Price/unit	Amount	Units	Price/unit	Amount	Units	Price/unit	Amount	Total Amount
11.1	Undergraduate Bursaries			R -			R -			R -			R -			R -	R -
11.2	Postgraduate Bursaries			R -			R -			R -			R -			R -	R -
	Total bursaries			R -			R -			R -			R -			R -	R -
<b>TOTAL CONTRACT BUDGET</b>				<b>R -</b>			<b>R -</b>			<b>R -</b>			<b>R -</b>			<b>R -</b>	<b>R -</b>

This should reflect adjusted % if such is authorised & applied for on Cover page