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KAIROS CANNABIS RESEARCH FOUNDATION 2021 GRANT PROPOSAL

Kairos Cannabis Research Foundation is committed to empower athletes to perform at a higher level using cannabis derived supplements/products. The aim of this grant proposal is to request for funding from the Veteran Marijuana Research (VMR) grant program. Our 2021 budget is equivalent to \$ 17,426,970 that will be used to cater for our various budgetary activities. The funds will be utilized in the leveraging university derived research to develop healthy alternatives to the current OPID options for veterans ptsd. Preventing veteran suicide.

Kairos Cannabis
Research Foundation
501-c3
EIN : 85-2177743

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Date: __6/15/2021__

Grant Administrator

Address: 66 Winder st, Detroit MI 48201

Dear Grant Administrator: State of Michigan Department of Regulatory of Affairs
Marijuana Regulatory Agency (Veteran Marijuana Research VMR Grant Program).

Please find the enclosed application and proposal summary for review by the trustees. We hope that your organization will partner with us in providing funding and support to research cannabis-derived products/supplements. Our primary strategy is to develop a strong collaboration with the research institutions and the universities. Our primary focus is conducting high-impact research that will ultimately lead to producing top-quality products to ensure lower rates of suicide and chronic depression amongst veterans

We are requesting **\$ 17,426,970** for support, which will help relieve the cost of our proposed operations. Above and beyond, the prospective pool of financial aid is vital for the success of our organization in solving the existing problems that befell veterans when looking access top-quality Cannabinoid products specifically for depression episodes. The foundation has a solid and experienced leadership team that will help the prudent management of the resources realize an estimated success rate of 95%. The administration will be held accountable in case of any misappropriation of the grant. Therefore, we are confident that the funds will be channeled to the intended use based on our budget narrative as an organization.

Included with this cover letter are the organization's proposal summary, letter of introduction, organizational budget, and completed application, as required in your guidelines.

Thank you for taking the time to consider this grant request. We will be happy to respond to any questions you may have. Please Call our Executive Director at (313) 418-3224.

Sincerely,

Diop Shumake

Executive Director

Kairos Cannabis Research Foundation (501-c3)

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1. EXECUTIVE SUMMARY

Kairos Cannabis Research Foundation is a non-profit organization committed to leveraging research to develop top-quality cannabis products. The foundation has recorded an outstanding track record with collaborations with universities and other research institutions. In 2021 financial year, the foundation has developed a list of social impact initiatives to further our research activities and have funded Universities like the University of Michigan. We currently seek a grant funding of \$ **17,426,970** that will be used towards researching why and how marihuana can help prevent suicide prevention amongst veterans. It'll also cover recurring costs, administration support, product-market testing, and upscaling our current reach.

2. ORGANIZATIONAL PURPOSE

Kairos Cannabis Research Foundation works with Colleges/Universities to develop their cannabis Institutional research programs by providing them with funding through philanthropic initiatives. We are committed to advancing the scientific understanding of the potential benefits and risks of medicines derived from cannabis through clinical research trials conducted in collaboration with renowned hospitals, universities, and dispensaries across the nation. This dedication requires strict adherence to consistent operating procedures based on meeting and exceeding regulatory demands.

Our focus has been towards combating the following problems that currently befell the athletes and non athletes.

These issues include the following:

- Muscle spasms

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- Chronic pain
- Nausea
- Anxiety
- Insomnia
- Concussions
- PTSD
- Depression (overall mental health)
- Post recovery

3. PROBLEM STATEMENT

The use of cannabinoids has been controversial in the veterans and to combat mental health issues. Research has revealed that poorly manufactured cannabinoids can lead to various mental health and performance-related issues. The reported risks reported due to the use of poorly produced cannabis products include the following:

- Damages to the lungs
- Impairment of the motor skills
- Increased likelihoods of chronic depression which leads to suicide
- High risks of a heart attack ... to name a few.

Our foundation has noted the potential risks of inadequate research around the use of cannabis for mental health issues. This leads to poor performing products during the production phase. Therefore, our foundation will develop quality research from collaborating with institutions, veterans, and veteran lead programs.

4. OBJECTIVES

The following are our key objectives:

a. **We are leveraging university-derived research to develop healthy alternatives to the current opioid options for veterans, and general users.**

Collaboration with University of Michigan's Cannabis Research Labs.

Kairos will keenly and prudently work with research institutions and universities such as U of M to develop top-quality products. Our research will be professionally conducted to provide the best products that will eliminate the problems faced by the athletes and assorted cannabinoid users.

b. **Correctly measure the effectiveness and feasibility of the project.**

For our foundation to develop top-quality cannabinoids products, we will create collaboration with critical stakeholders, including the U.S armed service veterans , the grant managers, our employees, and the government agencies and general cannabis users. This will allow the team to understand new challenges preceding the cannabinoid users in the entire community. As our project moves forward, we will evaluate the processes and determine where to change to achieve desired goal of treating the medical conditions of Veterans with cannabis.

c. **Working closely with veteran organizations based in Michigan**

5. PROJECT DESCRIPTION

- Provide.
- Standardized herbal cannabis products and fight against opioids
- CBD and Bi-Polar Disorder

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- CBD and the effect on Alzheimer's and CTE.
- Studying hemp and other seed-derived nutritional supplements for veterans and athletes, looking
- at the published amino-acid and lipid profiles of different seed products concerning
- the metabolism and dietary requirements of various veterans and athletes.
- Cannabinoid products and the effect on Chron's Disease and Cancer

6. PROJECT EVALUATION

Kairos Cannabis Research Foundation will determine whether the objectives are being met; we will formally evaluate our proposal assuming funding is facilitated. The evaluation helps to assess the project success strategically:

A. Process Evaluation

It is necessary to determine how our services and products satisfy the end-users in the region. It will also be essential to ensure that the grant fund is utilized in the right mini-projects to ensure the pre-planned impact.

B. Outcome Evaluation

The primary interest is to use the evaluation plans to clarify our program's purpose, goals, and objectives and describe how our activities are linked to their intended effects. To this end, the stakeholders will be involved, and we will have developed a logic model. The logic model will visually depict how our operationalization will be expected to work and achieve its goals, specifying the program's inputs, activities, outputs, and outcomes. The outcomes will be determined by the way logistics and deliveries are done and the quality.

7. FUTURE FUNDING

Even though most of the costs involve funding research activities for developing top-quality cannabinoids, it will be necessary to prepare for future funding of certain aspects of the project. These costs include creating a holistic approach for tasks like improving the delivery of quality products for veterans from other states and ultimately increase the scope of operation. It is evident that if the project is funded, it will ensure appropriate functions are done as planned to ensure the sustainability of our activism projects to impact the veterans population more liberally.

8. PERSONNEL AND EXPERIENCE

The organization has an experienced management team to facilitate the operations of the company. Our organization is experienced in research funding mobilizations and conducting similar programs. The management is confident to successfully ensure all the deliverables will be achieved based on the terms of references agreed upon by the donor agency during the contracting process. Our organization is fully represented and is composed of both men and women.

Below is our organizations team:

Board of Directors :

Ronald Falls Jr. (Chairman)

Kinchasa Taylor (Vice- Chair)

Diop Shumake (Executive Director)

Gage Cannabis dispensary (Founding Members)

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University of Michigan cannabis research labs (Researchers)

Financial Team (UHY)

Marketing Team (10 or more contracted workers)

8.1 DUTIES AND RESPONSIBILITIES

1. President/Executive Director (Diop Shumake)

- The president's obligations incorporate building up brief and long-term objectives, managing the workforce, overseeing budgets, guaranteeing the correct assignment of assets, and guaranteeing all offices meet our goal.
- Leads, guides, coordinates, and assesses all other officers, directors, and representatives and guarantees they are carrying out the day-by-day operations of the foundation.
- Meets frequently with other officers or directors of the foundation to create beyond any doubt that the organization's choices are visionary and vital.

2. Research Consultants (U of M)

- Inquire about specialists' plans to discover and collect information on cannabinoids.
- This may incorporate examining reports, utilizing online sources, and employing other data-collection strategies.
- Inquire about experts translate and analyze investigate information, mining it for essential data.
- Forming points of contact with universities and research institutions.

3. Financial Management Team (UHY)

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- Giving financial reports and deciphering financial data to administrative. Quarterly reports!

4. Quality Control Team

- Conduct the Cannabinoid tests and assessments with certified nurses and local researchers.
- Identify the compositions that need improvements
- Record and report issues
- Support the products and process improvements

5. Operation Manager

- The Operations Manager's role is mainly to implement the right processes and practices across the foundation.
- The specific duties of an Operations Manager include formulating strategy, improving performance, procuring material and resources, and securing compliance.

9. PROJECT APPROACH

The president of the foundation will come up with a tentative plan for the system development. A team of experts will review the program for the sake of quality checks. After completing each phase, a monitoring and evaluation exercise will be conducted to make future adjustments to the program. The project will follow the following implementation roadmap from inception to exit strategy phase as stipulated in the table below:

<i>The goal of the project</i>	<i>Project activity</i>	<i>Expected outcome/impact</i>
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<p><i>Phase 1: Come up with a project blueprint and engage stakeholders at various levels.</i></p>	<p>A robust implementation team will be built. The team will comprise administration officers, local research institutions, grant managers and universities, and our local staff.</p>	<p>A competent team with experience and will be compiled and a plan to execute properly developed. In hopes to begin trials soon after.</p>
<p><i>Phase 2: Map out the demands for cannabinoids in all counties/regions for chronic depression and ptsd.</i></p>	<p>Veterans, veteran lead orgs leadership will be engaged at all levels of trials. The local researchers and universities will also be employed and collaborated with to provide socio-economic data on the status of the us of cannabinoids in each region amongst veterans.</p> <ul style="list-style-type: none">• We will Encourage discussions to forge relationships.• Host/Participate in local social impact events• Educational Programs about the use of Hemp,Cannabis, Marijuana products for chronic depression.• Provide pop centers for veterans to be evaluated for chronic depression.• Be in touch in touch with social media groups and ask necessary questions.	<p>Compiled a robust amount of data that can be used for further research purposes. Data collection..</p>

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Phase 3: Further Building strategic partnerships

- Connect with leaders at partner organizations to promote engagement.
- Define and prioritize goals.
- Build new partner relationships and strengthen long-standing ones.

Strong partnerships developed

Phase 4: Engage with universities and research institutions in research for clinical trials .

The institutions will be engaged at the top management levels. The terms of engagement with the institutions will be detailed and developed.

The research protocols, certifications, patents, and trademarks will be formulated/registered.

First and last phase of clinical trials.

10. VETERANS AND MENTAL HEALTH ENGAGEMENT STRATEGIES

The project team will be open to serve all its clients at various levels. The project implementation team will come up with different tools to accommodate the views and suggestions of cannabis users. Below are some of the tools that will be deployed:

<i>Tool</i>	<i>Purpose/Strategy</i>	<i>Metrics</i>	<i>Rank Priority (from 1-3)</i>
<i>Twitter</i>	Galvanize discussions amongst veteran lead social groups and mental health enthusiasts.	Followers, retweets, replies, links clicked, website traffic.	3
<i>Facebook</i>	Galvanize discussions amongst veteran lead social groups and mental health enthusiasts.	Page likes, post likes, comments, website traffic	3

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<i>LinkedIn</i>	Galvanize discussions amongst veteran lead social groups and mental health enthusiasts.	Connections, group membership, discussions, website traffic	2
<i>Social impact events</i>	Create safe places for people who suffer from chronic depression and use marijuana to talk about their experiences.	Social groups and comfort for veterans. Educational data collection and more..	3
<i>Blogs</i>	Thought leadership, engagement, website traffic, community	Comments, readership, social sharing, website traffic	1

Action Plan

<i>Tool</i>	<i>Tactic</i>	<i>Objective</i>	<i>Frequency</i>	<i>Measurement</i>
<i>Twitter</i>	Galvanize discussions amongst veteran lead social groups and mental health enthusiasts.	Increase reputation	Twice a day	Clicks, retweets
<i>Facebook</i>	Educate and engage	Increase publicity	Twice a day	Likes, followers
<i>LinkedIn</i>	Educate and engage	Promotional purposes	Twice/thrice a day	Followers, viewership
<i>Social Impact Events</i>	Educate and engage	Create Community	Once a month	Participation
<i>Veteran Orgs</i>	Ask, Educate and engage	Sensitization	Once a day	Posts, readership

11. WORK PLAN

The following work plan will guide us during and after the implementation of our project:

Key Activity	Duration/Details	Responsible Personnel
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<p>1. Provision for the coordination and overseeing of the clinical trial(s) to determine the efficacy of marijuana in treating the medical conditions of U.S. armed services veterans and preventing veteran suicide</p>	<p>This will be the first item on the table when rolling out the project. This will involve presenting our project blueprint to the key stakeholders and explaining to them the terms of engagement. This will take approximately 2-3 weeks.</p>	<p>President</p>
<p>2. Recruitment and evaluation of researchers to accomplish the goals of this grant.</p>	<p>In consultation with the president, our research consultants will conduct interviews and subject recruits to technical reviews before engaging them on the project. This process will take approximately one month period.</p>	<p>Research consultant team</p>
<p>3. I am working with researchers who can garner the United States Food and Drug Administration approval for the clinical trials.</p>	<p>Our foundation will collaborate with universities and other research institutions to collect data and share the current status of the Cannabinoids quality in the USA. The activity will be continuous during the entire project phase since we will be working closely with research institutions and universities.</p>	<p>Operations Manager and the president</p>
<p>4. Ensure the maximum amount of grant dollars is used to coordinate and oversee clinical trials with minimal grant dollars used for administrative costs.</p>	<p>The financial management office will ensure there is prudent utilization of the grant funds. The records on the expenditure of the grant will be kept updated at all levels of the project cycle. The process will be continuous for the entire project period.</p>	<p>Financial Manager</p>

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5.	Work with organizations closely tied to veterans and veterans' programs.	High-level engagement will be implemented between our founding president and the existing Veteran programs in the USA.	President
6.	Provide the Grant Administrator with a grant budget to which monitoring and reporting will be tied. Please see attachment A for the budget template to be used.	The activity will be implemented by the entire project management team. This will be done in the first week of project onset.	Entire team
7.	Establish research goals, approve projects, exercise financial and management oversight, and document and review results.	The president will be keen on ensuring all the planned activities are implemented on time. This will be done during the entire project cycle.	President
8.	Publish the results of the clinical trials.	At the end of the project, probably one week after the project, the team will make all the results and findings available. The number of cannabinoids will also be made available. The areas of improvement will also be highlighted.	Entire project team

12. STRATEGIC COLLABORATIONS

The organization will strategically collaborate with other groups with similar goals of helping veterans. In the meantime, we will fast-track the following collaboration initiatives:

- Build partnerships with universities and research institutions to understand the needs in the community.
- Collaborate with state and local veteran programs/departments.
- Work closely with donor agencies and grant administrators.

13. BUDGET NARRATIVE

Once sufficient funds have been secured, the organization will implement the following budget activities.

- Engagement with key stakeholders
- Institutional Collaborations
- Payment of staff
- Research and development of the products
- Market Testing
- Travel and expenses
- The Foundation operations – Phones, rent, internet, etc.

14. 2021 FINANCIAL YEAR

Budget Category	Sub-Total (Monthly)	TOTAL (18 Months)
Administrative Expenses		
Administrative Personnel (Grant Administration Staff)		
Salary		
President salaries	\$ 80,000	\$ 1,440,000
3 Research Consultants@ 55,000 each	\$ 165,000	\$ 2,970,000
Operations' Manager salary	\$ 45,000	\$ 810,000
Financial manager	\$ 40,000	\$ 720,000
Quality Control	\$ 50,000	\$ 900,000
Sub-Total Salary	\$ 380,000	\$ 6,840,000
Fringe Benefits		
President	\$ 3000	\$ 54,000
Research consultants	\$ 1500	\$ 27,000

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Operation manager	\$ 1000	\$ 18,000
Financial manger	\$ 900	\$ 16,200
Quality control	\$ 750	\$ 13,500
Total Fringe Benefits	\$ 7150	\$ 128,700
Total Administrative Personnel	\$ 387,150	\$ 6, 968,700
Administrative Supplies, Materials, and Equipment		
General Office Supplies	\$10,000	\$ 180,000
Total Administrative Supplies, Materials, & Equipment	\$ 397,150	\$ 7,148,700
Administrative Travel (Grant Administration Staff)		
Mileage	\$2000	\$ 36,000
Meals and assorted expenditure	\$2000	\$ 36,000
Lodging and accommodation	\$ 5000	\$ 90,000
Total Administrative Travel	\$ 9000	\$ 162,000
Total Administrative Expenses	\$ 410,150	\$ 7, 382,700
Collaborator 1 budget (productions of cannabinoids)	\$ 180,000	\$ 3,240,000
Collaborator 2 budget (production of cannabinoids)	\$ 190,000	\$ 3,420,000
Veterans Engagements	\$ 100,000	\$ 1,800,000
Total Collaboration Expenses	\$ 470,000	\$ 8, 460,000
Total Direct Cost	\$ 880, 150	\$ 15, 842, 700
Indirect Cost (10%)	\$ 88, 015	\$ 1,584,270
TOTAL PROJECT COST	\$ 968, 165	\$ 17, 426, 970

Proposal Certified by:

Authorized signatory and title:

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Date:

Kairos Cannabis Research Foundation

15. REFERENCES

Langman, L. J., & Jannetto, P. J. (2020). Toxicology and the clinical laboratory. In *Contemporary Practice in Clinical Chemistry* (pp. 913-947). Academic Press.

National Academies of Sciences, Engineering, and Medicine. (2017). Problem Cannabis Use. In *The Health Effects of Cannabis and Cannabinoids: The Current State of Evidence and Recommendations for Research*. National Academies Press (US).

Cole, K. E., Inada, M., Smith, A. M., & Haaf, M. P. (2013). Implementing a grant proposal writing exercise in undergraduate science courses to incorporate real-world applications and critical analysis of current literature. *Journal of Chemical Education*, *90*(10), 1316-1319.