

Consent Agenda – July 15, 2022 Board Meeting

Agenda Item II.a.

ICR GOVERNING BOARD MEETING MAY 13, 2022

10:00AM – 1:30 PM

The Grant Humphreys Mansion:

770 Pennsylvania St

Denver, CO 80203 (303)894-2505

[HTTPS://WWW.HISTORYCOLORADO.ORG/GRANT-HUMPHREYS-MANSION](https://www.historycolorado.org/grant-humphreys-mansion)

Virtual option by Zoom: <https://csupueblo.zoom.us/j/95780770453>

Meeting Minutes:

In attendance: Mr. Scott McWhorter, Mr. Sherard Rogers, Dr. Cinnamon Bidwell, Mr. Ean Seeb, Dr. Jon Reuter, Dr. Joanna Zeiger, Ms. Elyse Contreras, Dr. Tim Mottet, Dr. Sang Park, Dr. Malik Hasan, Dr. Chad Kinney, Dr. Sue Sisley, Mr. Sal Pace, and Ms. Wendy Fairchild

- I. Welcome (10:00-10:05am) Dr. Bidwell
- II. Consent Agenda (10:05-10:10am) Dr. Bidwell
 - a. Minutes from April Board Meeting
 - b. No June Board Meeting
 - c. Dr. Bidwell will be away from email from May 14-31st.
 - d. Progress Reports (summary) – currently funded PIs
 - Cinnamon takes a motion to approve the Consent Agenda
 - Jon – motion to approve
 - Sue Seconds this and all approve
- III. ICR Informational Video (10:10-10:20am) Dr. Kinney
 - a. Outcome from last in-person meeting (September - 2021)
 - b. Video intended for the ICR website
 - c. Tool for quick education of “What is the ICR?” or “What does the ICR do?”
 - All liked very much – film created in Art course led by Matt Garcia
 - Ean will ask Governor to promote
 - Will be on website and YouTube shortly
- IV. Research Presentation (10:20-10:50am) Dr. Sanghyuck Park (ICR Senior Scientist)
 - a. Research presentation and overview (20 min)
 - b. Questions (10min)
 - Some students are from the CBC program
- V. In-house ICR Research Capabilities (10:50-11:10am) Drs. Park and Kinney
 - a. ICR lab
 - b. Other research/lab facilities
 - Routinely study cannabinoid analysis –have other analytical facilities to study heavy metals, pesticides, etc. -we have other analytical labs 300 megahertz MNR

- Several questions Chad answered:
- Chad says some other facilities in the State are accessible to CSU Pueblo
- Answers questions about basic capacity
- Setting-up lab with Vyripharm –look at fee for service analysis –would bring in revenue – support additional research
- Unaware of simple technique to different Delta 8 – plant produces very little
- Isolate peeks then use MNR – can triangulate

VI. Research Subcommittee Update (11:15-11:30am)

- a. Immediate Plan – Application NIDA – NOSI: Public Health Research on Cannabis
 - Dr. John Williamson has good background and connections with NIH
 - Group looked at topic areas and settled on trends in new products – patterns and reasons for use
 - Dr. Zeiger has epidemiology expertise – can take lead on pursuing funding for ICR using her expertise for the ICR and utilize John’s expertise with grants
 - Dr. Zeiger – discusses specific area of interest:
 - Athlete registry and cannabis use – uses versus no-users - why, how, what and etc.
 - Chad discusses recruiting collaborators with expertise with registries and compile team – submission in fall
- b. Application Coordinator – Now and in the future
 - How do we build an association of researchers within the ICR discussed
 - Dr. Williamson will serve as coordinator – external expertise and will create cohesive story for application
 - In long run, Dr. Williamson may not be able to serve in this role so best for ICR to identify other potential services or person to provide these services including Hanover Research
 - Dr. Williamson will look into leveraging the existing contract with CSUP with Hanover to determine if ICR wants to share expenses
 - Analysis of CBD and CBN components analysis – analytical chemistry project which Dr. Park has the capacity to develop and pursue
 - With NIDA special interests, Heather could assist
 - Dr. Bidwell – fits our priorities – NIDA very interested in cannabis research – these projects could do quite well – really strong for funding – both ideas build on collaborations and expertise
 - Sue – Matching grant from NFL Pain Commission possible
 - Dr. Zeiger discusses this further

VII. Annual Research Conference Partnerships (11:30-11:45am) Dr. Kinney

- a. Enhanced Participating/Impact
 - OSU hosting this year –ICR staff time limited and very time consuming
 - Now with event planner and developed partnerships with additional expertise and interest including
 - Biomass for Animal feed – OSU doing this, ICR is not and much interest here – by partnering we bring expertise –an argument for better than going it alone
 - Dr. Zeiger – concerned sharing may be disservice to ICR – sees this as two separate conferences
 - Dr. Bidwell of two minds – 1) make connections, helps with growing pains, dissemination, versus ICR take full credit – how do we achieve both and reach middle ground?
 - Dr. Kinney likes one research taking the lead – and taking turns but we could

- modify the model
 - Mr. McWhorter says what is goal? If it's prominence of the ICR then go it alone – but collaborate if you want to bring value to subject
 - Dr. Kinney says went from 220 in 2021 to 330 registrants with this collaboration as well as with planner
 - Dr. Zeiger suggest we compare data of registrants from last year to this year
 - Ms. Contreras talked about branding – has name changed? May be confusion – suggests ICR be primary sponsor as well as branding – partner would be financial and academic
 - Dr. Bidwell says follow up after the conference and discuss what info to gather
 - Mr. Seeb notes Oregon is having trouble with regulating hemp – from political standpoint may complicate relationship “Interstate challenges”
- b. Planning Capacity
 - c. Unique Expertise

WORKING LUNCH TO START WHEN FOOD IS DELIVERED.

VIII. Budget Request FY24, Legislative Update, and Legislative Priorities (11:45-12:45pm) Drs. Bidwell and Kinney with Ms. Valdez and/or Mr. Raemdonck

- a. Budget Request Process (11:45-12:25pm)
 - i. Overview
 - Discusses Senate Bill 155
 - HB 1321 – Amber Valdez says Governor hasn't signed yet – CDOT impairment tool
 - Mr. Seeb says Colorado on forefront
 - Dr. Motett – can the State inform the ICR what research is needed? How can we meet the State needs?
 - Ms. Valdez says she's working with the Governor's Office
 - Mr. Pace explains legislative process
 - One meeting left – communicate to Budget Subcommittee soon to make suggestions or changes
 - Mr. Seeb will remind Higher Ed policy advisor that ICT is priority and will reach out to this new person soon
 - Create small group from ICR to meet with new Higher Ed person and asks: what would you like the ICR to work on?
 - Mr. Seeb says he will support and advocate for the ICR and maybe have monthly meeting regarding cannabis and work with other agencies asking what they are researching? Will work with Amber - Could the ICR send agencies what they are researching and maybe send survey out to members? Survey is better than cabinet meeting
 - ii. Priorities/Request for FY24 – Guidance for Budget Subcommittee
 - 1) Developing the ICR as a Research Institute
 - ICR has limited research expertise
 - Dr. Kinney - If we want to become a world class “research institute” we have to have access to expertise – we are evolving – expand the expertise in areas such as public health, medical research, and analytical chemistry – these persons could lead efforts to

increase research funding from federal sources as well as lead collaborative research throughout the state

2) Space could be issue will have to be addressed with CSU administration – need to request support of research

Mr. Seeb support need for money with evidence -make clear case as Governor does want to see world class ICR research center- entirely appropriate to ask for one more staff member – However, cannabis spending is down so keep this in mind

- Dr. Mottet suggest working with research fellows from other institutions in a joint appointment – spread costs around – others like this idea
- Dr. Bidwell – maybe a Program Officer?
- Dr. Kinney -Are their other priorities?
- Mr. Pace asks about the CBC curriculum
 - Dr. Kinney says going well – students haven’t yet matriculated out of the program – next two years more of the curriculum will roll out
 - Distance learning being discussed – Dr. Kinney will report back with more information next time

2) RFA for FY24 Projects

b. Government Relations (12:25-12:45pm)

- i. Outstanding Legislation
 - ii. Assessing the needs of the state that the ICR can address/support
 - iii. Priorities for next session
- Ms. Valdez will meet with people during the interim including the Pueblo Delegation – many new people
 - Would like for each board member to reach out to two or three legislators who are coming back – after primary results
 - Want one pager to allow for personal touch to explain about ICR and make connections
 - Cinnamon requests from Ms. Valdez a google spreadsheet to identify who can meet with whom
 - Then meet again in November – Conventional thought is Dems will have House and Republicans Senate (most likely) –make sure leadership knows who ICR is
 - Will assist with setting up meetings and etc.
 - Will try to match Governing Board member with political person to best align – she will send out resources in July
 - Ms. Valdez left at 12:58 as did Sue Sisley

IX. RFP for Marketing and Communication Support (12:45-1:10pm) Dr. Kinney

a. Requirements

- Prepared a draft which he shared- would like input and maybe send before FY23
- How many hours should this person work? Hourly rate, budget?
- Mr. Rogers will supply names to recommend marketing rate.
- Dr. Bidwell recommends adding a duty to develop metrics for measuring effectiveness.

b. Priorities

X. Other Business (1:10-1:20)

XI. Public Comment (1:20-1:30pm) Dr. Bidwell

VII. Adjourn - 1:25pm

Agenda Item II.b.

ICR Governing Board Meeting

June 23, 2022 2:00 – 3:00 pm

Meeting By Zoom: <https://csupueblo.zoom.us/j/95780770453>

Meeting Minutes

In Attendance: Dr. Cinnamon Bidwell, Mr. Sal Pace, Mr. Sherard Rogers, Dr. Joanna Zeiger, Ms. Elyse Contreras, Dr. Sue Sisley, Dr. Jon Reuter, Dr. Malik Hasan, Mr. Scott McWhorter, Ms. Wendy Fairchild, Dr. Jeff Smith, and Mr. Skip Spears

- I. Dr. Bidwell discusses the candidate for the Interim Director position, Dr. Jeff Smith – Meets criteria – only candidate at this time – we will deem if he can be effective and if GB can support or now – if unsupported, we will then discuss a different path forward
Try and stay focused on questions when evaluating Jeff
 - Mr. Spear – reiterate the Board’s obligation to open meetings laws – this is a public meeting, notes, email etc. are required to be retained – GB members are representatives of State of Colorado
 - Question about public notice with meetings, and Mr. Spears says 24 hours is minimum required, more notice is better/encouraged
 - Dr. Bidwell reminds group that July 16 Dr. Kinney begins working as Interim Provost- Asks for consensus to bring Dr. Smith in for interview – GB agrees
 - Dr. Jeff Smith – Introduces himself and lists his qualifications and familiarity with the ICR Has passion and experience – worked with Dr. Hasan to create the ICR Listed work history with the ICR, mentioned he had applied for the director position in the past, but was not chosen for that role or a role on the GB Honored to be asked to be considered for the role of interim Director
 - Dr. Hasan has questions about how interview questions were submitted
 - Mr. Spears says State Process – an identical set of questions is to be used for all candidates
 - Dr. Bidwell asks first questions:
Please share with us why you are interested in the Interim Director opportunity and how this position aligns with your goals and previous experience.
 - Dr. Smith –approached by Chad and President Mottet – long standing commitment to the mission of the ICR – believes research about cannabis is necessary to our State and etc. – need factual based knowledge to lead society about this social experiment
 - Dr. Reuter – How has your understanding, expectation, and perceived values of the ICR changed since your initial involvement when the ICR was being created through to the present? How would you work to understand the current priorities of ICR and its Board?
 - Dr. Smith says the ICR has grown and transformed from what he imagined – never really would have advanced ICR to State or National status that is has now – very transformative over 7 years – very different now – greater impact and would have lot to learn – new entity that is more important in scope – learn and apply his talents
 - Dr. Zeiger - How would work initially to build trust with the Board and get to know the board members on an individual level? Specifically, provide concrete examples from your past experiences to illustrate how you approached building trust both conceptually and operationally.

- Chair of Biology Dept. is parallel to GB – my belief is a partnership with the GB and facilitating what GB wants to have happen- achieve goals of the Board – would like to meet and interact with members to help shape direction of the organization – history of biology Department – had rugged interpersonal relationships – became more cohesive under his leadership –says he’s not confrontational , listens, learns and understands – director’s task is to carry out board’s will
- Dr. Zeiger asks what email communication method is?
 - Dr. Smith likes to talk to people in person and prefers Zoom to phone over email? He’s attentive-helpful if it could provide dedicated separate ICR email account.
- Dr. Zeiger: research is crux of the ICR – Dr. Kinney was working on collaborations and research opportunities – Chad wanted to build reputation that ICR would be a leader – how will you go about this?
 - Dr. Smith – there is an administrative component – what are we administrating? – Research – we are world leader as were the first – resources available like John Williamson and would foster and utilize these resources as long as research is genuine, unbiased this is the purview of the ICR – partnership with Board as Board brings ideas/objections to the Director
- Dr. Bidwell – What are some important and potential challenges?
 - Dr. Smith – I’d have people to meet and processes to familiarize myself with – there is plenty of expertise on Board and with Chad- I can do the work, have organizational skills, backbone and drive
- Dr. Bidwell opens this up to group questions:
 - Dr. Hasan and Dr. Smith discuss their association going back years – issues were discussed between them including Dr. Hasan’s offer of financial support for research – Dr. Smith felt this could be an unethical route to take - Dr. Hasan suggests that Dr. Smith may have feeling animosity that his grant was not renewed and that his unwillingness to fight for funding for his research brings into question his willingness to fight for funding for the ICR. Dr. Hasan questions Dr. Smith’s time commitment referring to previous arrangement between them, and questions about pursuing work with DEA and has concerns of trust
- Ms. Contreras – Time management- How will you juggle this role and other duties?
 - Dr. Smith will not be required to teach except for Fall master’s program course – regular duties would be diminished, so flexible – can accommodate – other duty includes research program – can be available at moment’s notice if needed
- Mr. Pace – if determined that interim director only, would you still be interested?
 - Dr. Smith – yes, it’s his understanding this is Interim only at this time – exceptional opportunity- will work hard and thoughtfully
 - Dr. Smith leave meeting at 3:08PM
- Dr. Zeiger – great qualifications but concerned by previous disappointment with the ICR – will this have impact on job?
- Mr. Sherard and Ms. Contreras and Dr. Reuter echo this concern
- Dr. Bidwell suggests evaluation after every couple of months
- Mr. Pace asks if necessary to fill this position?
- Dr. Bidwell says would be challenging with day-to-day operation
- Ms. Contreras asks for Chad’s current job description –
 - Dr. Bidwell will provide this to the group

- Dr. Bidwell asks the group to complete the survey and return
 - Dr. Hasan concerned he will not fight on behalf of the ICR or raise funds

Adjourn – 3:20PM

Agenda Item II.c.

Department of _____

FY 2022-23 Funding Request

Executive Director
November 1, 2021

Governor



Jared Polis

**Department Priority:
Request Detail: Colorado Cannabis Research Funding - Institute of Cannabis Research**

Summary of Funding Change for FY 2022-23			
		Incremental Change	
	FY 2022-23 Appropriation	FY 2023-24 Request	FY 2024-25 Request
Total Funds	\$ 2,800,000	\$ 1,795,200	
FTE			
General Fund			
Cash Funds	\$ 2,800,000	\$ 1,795,200	
Reappropriated Funds			
Federal Funds			

Summary of Request

The mission Institute of Cannabis Research (ICR) hosted at Colorado State University Pueblo is to conduct research related to cannabis and to publicly disseminate the results of the research. The traditional mechanism for the ICR to conduct research related to cannabis is through a statewide competition for research funding following national best practices. This engages the best researchers in Colorado to address the diverse research questions surrounding cannabis. This requests seeks to expand State supported cannabis research, as well as take steps towards the long-term vision of securing federal research dollars to support cannabis research in Colorado. The requested increase in appropriated Marijuana Tax Cash Fund (MTCF) dollars are to be used to directly support cannabis research in Colorado and increase research capacity in the ICR.

Current Program

The ICR was launched in 2016 through support from the State and Pueblo County. Initially the ICR activities were focused on cannabis research and education at CSU Pueblo as well as hosting an annual research conference. In 2019 the mission of the ICR evolved to a purely research and research dissemination focus that engaged researchers throughout Colorado. To accomplish this mission the ICR established a research funding opportunity modeled after the process employed by the National Institutes of Health (NIH) for research funding. That model was successfully launched in the fall of 2020 with research projects starting at the beginning of FY22. A second competition was held in spring of 2022 with projects to start in fall 2022. This competition is currently in the later stages of the review process. Information about currently funded research projects and previously funded research can be found on the [Research](#) page on the ICR website. The ICR continues to support and impact the rapid public dissemination of cannabis related research nationally and internationally by hosting the annual [Cannabis Research Conference](#), sponsoring the publication of the [Journal of Cannabis Research](#) in partnership with Springer Nature Publishing, and hosting two [monthly webinar series](#).

In FY 22 the ICR invested about \$950,000 into supporting research in Colorado and in FY 23 the ICR will support between \$1.8 million to \$1.9 million in research pending the final outcome of the research funding competition. Between the two research funding competitions managed by the ICR approximately \$25 million in research funding requests were submitted. The current budget request seeks to expand the ICRs ability to directly support cannabis related research in the State to meet the continued and evolving research needs. The remainder of the budget request seeks to support the development of ICR research capacity with an emphasis on maturing the ICRs research expertise and the ability to facilitate significant collaborative applications for federal research funding.

The ICR has generally looked to federal organizations in modeling our approach to meeting the research mission of the Institute. For example, the processes employed for the statewide research funding competition have been modeled after those employed the NIH. Likewise, as the ICR looks to mature as a research institute the need for development of internal research expertise and capacity has become a priority. This will be elaborated on in the next two sections.

There are ever-evolving public health issues, medical issues and applications, and scientific questions arising related to cannabis. In addition new cannabis and related products continue to emerge in the legal and illegal marketplace with unquantified risks. Applications of low THC cannabis (industrial hemp) continues to garner interest and continues to serve as an accessible material for research purposes. New applications for cannabis biomass as raw material for an even broader set uses continues to drive scientific and economic development. This is all to illustrate the need to support cannabis research. In the first statewide competition for cannabis research support, the ICR received high quality proposals from scientists around the State that in total requested about \$10 million to conduct innovative scientific research that can address many of the critical cannabis research questions. And in the second statewide competition this number grew to \$15 million.

Unbiased research informs appropriate regulations and policies to protect public health and safety; research stimulates medical, scientific, and technology advancements; and research addresses societal questions about the impact of new markets and policies. Colorado scientists are ready to do this work. To remain leaders in the cannabis space Colorado must invest resources to address critical cannabis research needs. The Institute of Cannabis Research (ICR) is committed to supporting unbiased cannabis research. The statutory role of the ICR includes conducting research related to cannabis which is primarily accomplished through funding merit-based research projects using national best practices in the selection processes. The ICR is well positioned to support the State in this effort to ensure that scientifically rigorous research is available to lawmakers and the public in making informed decisions.

Problem or Opportunity

The State of Colorado has been at the forefront of cannabis legislation and an early supporter of cannabis research. With the legalization of medical and recreational cannabis, Colorado has both an obligation and an opportunity to advance cannabis knowledge. The legal status of cannabis in Colorado has positioned the State to be a leader in cannabis research. The legalization of cannabis, new cannabis products, and varying methods of use represents areas of potential concerns. Simultaneously, the large number of biologically active phytochemicals in cannabis represents a treasure trove of possibilities. There are two facets to this budget request both of which directly address the ICRs role in conducting cannabis research.

The first facet is that Colorado has an opportunity to continue to invest Marijuana Tax revenue in research to explore potential therapeutic applications of cannabis or its derivatives (Medical and Clinical Research); research to ensure the protection of public health and wellbeing (Clinical and Public Health Research); research to understand the economic and social impacts of legalized cannabis and surrounding policies (Economic and Social Science Research); and research explore new applications of cannabis, its derivatives, and modifications of these derivatives (Biotechnologies). Colorado demonstrated the foresight to support the creation of an institute to facilitate cannabis research. However, the ability to maintain a leading role in cannabis research and preeminence, especially as more states and institutions are investing in cannabis research centers and institutes, may be in jeopardy. Colorado has the opportunity to remain at the forefront of cannabis research by incrementally increasing revenue from the Marijuana Tax Cash Fund into research in this State. These funds would be used to support researchers throughout Colorado. Beyond research outcomes, supporting research, especially at institutions of higher education, these resources provide opportunities for undergraduate and graduate student researchers to hone their skills to become the next generation of scientists and leaders in Colorado. Further, supporting such research supports the growth of businesses and industries, create new job opportunities, and attract students to higher education options in the state.

The second facet is the opportunity to invest in the research expertise and capacity housed within the ICR, and subsequently, the ability to effectively pursue federal research funding for the ICR. Further, this is an opportunity to model the ICR after federal agencies such as NIH and US Department of Agriculture, which serve both as research organizations as well as funding agencies. In doing so the ICR will become a more nimble institute able to directly pursue broader sources of federal funding and more capable of directly responding to the research needs of the

state. Additionally, the broader expertise housed within the ICR will allow it to more effectively respond to legislative initiatives and better serve the needs of the State. These scientists will be available to liaise with legislators and staff to develop research priorities that align with scientific gaps and policy gaps/needs within the state. Currently the ICR has a single research scientist on staff whose background is plant biology and genetics. While this is appropriate to lead research in many important areas, it also misses many important areas such as analytical, medical, and public health research. Strategically expanding the research expertise within the ICR will allow for greater opportunities to pursue federal research dollars to support cannabis research in Colorado.

Proposed Solution

To address the opportunity to incrementally increase cannabis research in Colorado is to increase MTCF funds appropriated for cannabis research through the ICR in FY24 by \$1 million. This will allow the ICR to engage researchers in a statewide competition for research support on an annual basis and to fund multi-year projects at a rate commensurate with the resources required to conduct quality research that Coloradans deserve, including clinical and medical research. This would be an ongoing resource to maintain an annual cannabis research program.

To address the opportunity to expand the research capacity and expertise three additional staff researchers in the areas of Analytical Chemistry Research, Preclinical and Clinical Medical Research, and Public Health Research. While these researchers along with the current Senior Scientist (plant biology) will be provided modest base research funding, they would be expected to develop a statewide-collaborative, externally supported (i.e. federally and privately funded) research program. Further, these scientists will be available respond to legislative inquiries, cannabis research needs, and policy input. To best facilitate this a small amount of resources is requested to support contract grant writing support. Additional MTCF support of \$632,000 would be required for this.

A total of \$1,795,200 in increased appropriation is requested (\$1,632,000 in direct and \$163,200 in indirect costs).

Theory of Change	NA
Program Objective	NA
Outputs being measured	NA
Outcomes being measured	NA
Cost/Benefit ratio	NA

Evaluations	Pre-Post	Quasi-Experimental Design	Randomized Control Trial
Results of Evaluation	NA	NA	NA
Continuum Level	NA		

Anticipated Outcomes

The outcomes of the proposed solution will be the ability to fund 3 new senior research positions to expand research capacity and expertise at the ICR to include analytical chemistry, preclinical/clinical medical, and public health research. This will allow the ICR to more effectively respond to legislative inquiries, pursue federal research funding in these research areas (leveraging State dollars to bring in additional federal dollars), as well as have the greater expertise to respond to the research needs and questions from the State of Colorado. Further, these researchers will be expected to develop collaborative programs involving researchers from multiple Colorado institutions, thus developing resources that will support researchers throughout the state to address the most timely cannabis topics as they evolve. Combined, this will result in broad growth of Colorado’s cannabis research portfolio. The outcomes of these projects will be publically disseminated as presentations at appropriate conferences, in the peer reviewed research literature, via reports to policy makers, via our publicly available webinars, and on the ICR’s website. Research in these areas will contribute to new advancements that may translate to new industries, therapies, information that will directly inform State policy shaping the future of cannabis in the State. All funded research projects will undergo an annual assessment (progress report) to ensure appropriate progress is being made.

Assumptions and Calculations

The requested increase to the appropriation supporting the mission of the ICR will increase research funding by approximately \$1 million and expand research personnel by 3.0 FTE (\$194,000 per FTE). The estimate per FTE includes salary, fringe benefits, and base research support. An additional \$50,000 in contract grant writing support is included in this request. The balance of the increase in appropriation are for indirect costs (10% of direct costs). This will allow for continued funding of new research projects as well as expanded research capacity, expertise, and federal funding.

FY 24 Budget Request	Budget	
Research Personnel-Program Development (Salary, Fringe, Base Research)		
Analytical Chemistry	\$	194,000.00
Preclinical Medical	\$	194,000.00
Public Health	\$	194,000.00
Contract Services		
Grant Writing	\$	50,000.00
New Statewide Research Funding	\$	1,000,000.00
Total Direct Costs	\$	1,632,000.00
Indirect Costs (10% of Direct Costs)	\$	163,200.00
Total Request	\$	1,795,200.00

Supplemental, 1331 Supplemental or Budget Amendment Criteria