

**FISCAL YEAR 2015
CAPITAL OUTLAY PROJECT REQUEST**

Institution Name: **CENTRAL MICHIGAN UNIVERSITY**

Project Title: **CENTER FOR INTEGRATED HEALTH STUDIES**

Project Focus: Academic Research Administrative/Support

Type of Project: Renovation Addition New Construction

Program Focus of Occupants: **The Center for Integrative Health Studies at Central Michigan University will enable the university to expand its highly-sought and economically vital emphasis in the health care marketplace, collaborating among and serving students in the College of Health Professions, College of Business Administration and College of Science and Technology.**

Approximate Square Footage: **62,000**

Total Estimated Cost: **\$24,000,000**

Estimated Start/Completion Dates: **Planning would commence immediately with construction to begin 18 months later. Completion of the project would be an estimated 18 months after the start of construction.**

Is the Five-Year Plan posted on the institution's public internet site? Yes No

Is the requested project the top priority in the Five-Year Capital Outlay Plan? Yes No

Is the requested project focused on a single, stand-alone facility? Yes No

Please provide detailed, yet appropriately concise responses to the following questions that will enhance our understanding of the requested project:

1. Describe the project purpose.

The Center for Integrative Health Studies at Central Michigan University is designed to address significant, unmet demand among prospective students. Its graduates in turn would meet significant, unmet demand among Michigan employers while also addressing significant, unmet demand among Michigan residents and families for access to health care professionals and services.

About 15 percent of the current CMU freshman class cites health care careers as a primary area of interest. Concurrently, the College of Health Professions has been at maximum capacity because of spatial limitations for the last several years in programs such as physical therapy, physician assistant, speech-language pathology and audiology. It cannot expand without more space for classrooms, laboratories and clinical experiences.

CMU has an exceptional reputation in health care, with its graduates in speech-language pathology, audiology, PA, PT and athletic training all known for remarkable, 100 percent

first-time pass rates on their national certification exams. Many of these programs also have 100 percent job placement rates.

In addition to expanding existing programs, The CMU Center for Integrative Health Studies would allow The Herbert H. and Grace A. Dow College of Health Professions to add a master of public health program, which would start on campus and expand to an online format. The college also would likely add a health sciences major.

Further, Health Professions would have space to collaborate with other colleges and expand/add programs in biomedical engineering (with the College of Science and Technology) and Health Information Management (with the College of Business Administration). Other programs that now could be evaluated for possible adoption would include clinical laboratory sciences, occupational therapy and respiratory therapy.

As the nation's varied health professionals begin to work more closely as teams, it's significant that Central Michigan University this summer opened the nation's 137th College of Medicine with 64 students — 57 native to Michigan. While they will not be served directly by the new center, it's likely CMED and the center's students will collaborate from time to time. CMED students have embraced a mission of serving the most medically underserved communities across the state and Midwest. To date, the College of Medicine has received 2,508 applications for its 2014 entering class. CMED's second class, which starts next August, will include 104 students.

2. Describe the scope of the project.

Estimated to have approximate square footage of 62,000, the Center would cost an estimated \$24 million. If approved, the programming phase would begin immediately. Construction would begin in 18 months, with estimated completion within 18 months of the start of construction.

The building would include mediated classrooms, dry laboratory space, at least one lecture hall and designated student collaboration space that prepares students for the professional world and teaches them the value of working in teams, especially in the health care setting.

3. How does the project enhance the core academic and/or research mission of CMU?

Central Michigan University is a tier-one institution, as ranked by U.S. News and World Reports. As such, it is one of the top 200 universities in America. It also is one of the 80 largest universities in the nation, while at the same time being highly regarded for the personalized attention and cocurricular opportunities that are integral to its student experiences, from research opportunities starting at the undergraduate level, to leadership and public service engagements. CMU is designated as a doctoral/research-intensive institution by the Carnegie Foundation.

CMU increasingly is known for its health-related fields, from those in the College of Health Professions and College of Medicine, to those in its College of Humanities and Social and Behavioral Sciences and College of Education and Human Services. Programs in the latter two colleges include dietetics, gerontology, therapeutic recreation, psychology, and neuroscience. CMU faculty are known for their research into the causes and treatment of Alzheimer's, Parkinson's and autism. They're helping to determine ways to reduce cognitive deficits after a stroke and researching cancer vaccines, to name just a few.

The Center for Integrative Health Studies at Central Michigan University would expand CMU's emphasis on health care fields while also expanding its research emphasis.

4. How does the project enhance Michigan's talent enhancement, job creation and economic growth initiatives on a local, regional and/or statewide basis?

More than 78 percent of recent CMU alumni and 62 percent of all living CMU alumni are choosing to stay in the state, although their impact certainly is felt around the nation and around the world. With 92 percent of all CMU students coming from within the state, they clearly have a concerted interest in serving Michigan communities and its residents.

Central Michigan University has an active, model Career Services program that has built extensive relationships with employers across the state.

The state of health care in Michigan is undergoing significant change due to the aging of our population and continued changes at national and state levels in health care delivery. As a consequence, there is greater need than ever to train professionals — not just M.D.s — to provide preventative and remedial health care. These are precisely the professionals who are alumni of CMU's College of Health Professions and who would graduate in even greater numbers if the CMU Center for Integrative Health Studies were built.

5. How does the institution measure utilization of its existing facilities, and how does it compare relative to established benchmarks? How does the project help to improve the utilization of existing space and infrastructure, or support the need for additional space and infrastructure?

CMU this past summer completed an exhaustive campus master planning process that included measuring the institution's building utilization rates. The 2013 utilization and space needs analysis determined classrooms located in The Herbert H. and Grace A. Dow Health Professions Building have the highest average hours per week of scheduled use. In comparison to accepted standards, the analysis found that CMU is operating at capacity in many buildings, including in health professions, and is in need of additional classroom and laboratory space.

- 6. Does the project address or mitigate any current life/safety deficiencies relative to existing facilities? If yes, please explain.**

No.

- 7. How does the institution intend to integrate sustainable design principles to enhance the efficiency and operations of the facility?**

As in all of its construction and renovation projects, CMU is committed to integrating sustainable design by ensuring the Center for Integrative Health Studies is certified under the U.S. Green Building Councils LEED system. CMU is a leader in achieving LEED certification: its new Graduate Student Housing is the first multifamily Platinum LEED building for homes in the Midwest. Solar panels installed on CMU's Education and Human Services Building, which received CMU's first LEED certification, provide 60 percent of the facility's heat. Notably, CMU is on the Princeton Review's 2013 list of 322 green colleges (out of nearly 5,000 U.S. colleges and universities). CMU leads Michigan's 15 public universities in electrical savings and is home to the Great Lakes Institute of Sustainable Systems.

- 8. Are match resources currently available for the project? If yes, what is the source of the match resources? If no, identify the intended source and the estimated timeline for securing said resources?**

Yes, CMU plans to use university construction reserves and private/foundation gifts to match the state's funding.

- 9. If authorized for construction, the state typically provides a maximum of 75% of the total cost for university projects and 50% of the total cost for community college projects. Does the institution intend to commit additional resources that would reduce the state share from the amounts indicated? If so, by what amount?**

No, CMU is counting on state funding for this essential project that has widespread value to Michigan, its students, employers and residents. Without state funding, CMU will have to delay this project.

- 10. Will the completed project increase operating costs to the institution? If yes, please provide an estimated cost (annually, and over a five year period) and indicate whether the institution has identified available funds to support the additional cost.**

The completed project will increase operating costs through program costs and approximately \$150,000 annually in additional utilities, with a 3 percent annual escalation. CMU would fund these additional costs through revenue brought by the additional students who would enroll in the new and expanded programs offered by the CMU Center for Integrative Health Studies.

11. What impact, if any, will the project have on tuition costs?

This project will NOT cause tuition increases. In fact, it will help CMU to maintain its commitment to minimal annual tuition increases.

12. If this project is not authorized, what are the impacts to the institution and its students?

If not authorized, the project would be delayed indefinitely. Michigan employers and residents would lose out on having highly trained professionals to fill much-needed health care services positions. This, in turn, diminishes the health of Michigan residents and causes increased health care costs. Most other Michigan universities that have such health-related programs are at capacity as well, and it is expected that many Michigan students would go out of state to obtain their degrees.

13. What alternatives to this project were considered? Why is the requested project preferable to those alternatives?

CMU's Board of Trustees has approved a 10-year campus master plan and capital projects list. The 10-year list was developed by a cross-campus team of faculty and staff based on input from literally thousands of on-campus and community stakeholders. The CMU Center for Integrative Health Studies is part of that list and subsequently was chosen as the #1 capital priority based on student and state needs.

Student demand for these programs is high and is not fully met by Michigan's higher education system. This, in turn, leaves critical gaps in the delivery of health services across the state. What's more, expanded and new health care academic programs can be facilitated by space constructed with a moderate investment.

The health studies area is one of CMU's highest-demand areas and ranks as one of the university's top programs in academic prioritization. The project accommodates some of the highest-demand career options with the strongest career outlooks and helps to improve the health of Michigan's residents and economy.