INDIANA UNIVERSITY
SCHOOL OF MEDICINE

Regenstrief Institute

INDIANA UNIVERSITY SCHOOL OF MEDICINE

REGENSTRIEF INSTITUTE, INC.

Director of the Clement McDonald Center for Biomedical Informatics at Regenstrief Institute, Inc.

POSITION DESCRIPTION

Regenstrief Institute, Inc. (Regenstrief) and the Indiana University School of Medicine (IUSM) are searching for a scientific leader to serve as **Director of the Clement McDonald Center for Biomedical Informatics (CBMI) at Regenstrief Institute.** The Director provides strategic vision, intellectual and academic leadership, and administrative oversight to the Center, and promotes its mission to improve healthcare through informatics. Along with an Indiana University (IU) faculty appointment, the Director of this Center reports to the President/CEO of Regenstrief Institute. The Director serves as a member of the Regenstrief Institute's Executive Leadership Team and holds the Clement McDonald Endowed Chair in Biomedical Informatics.

The Clement McDonald Center for Biomedical Informatics (CBMI) focuses on improving health care through informatics innovation and implementation. CBMI develops and applies health information technology solutions to generate knowledge about health, disease, and treatment, help clinicians make optimal decisions, empower patients, and inform healthcare policy. To accomplish this research, CBMI works on clinical applications, computer-based decision support, AI, advanced analytics, healthcare information standards, and global health. CBMI investigators developed and advanced one of the nation's first electronic medical record systems, one of the country's first computerized provider order entry systems, and one of the first, largest, and longest running health information exchanges, which has made Indiana the most health-wired state in the country, and a national model for health data exchange. These applications and tools are internationally recognized for their roles in improving quality of care, efficiency of healthcare delivery, reducing medical errors, and enhancing patient safety.

The Director oversees 16 and growing dually appointed IU and Regenstrief CBMI scientists and over 30 Regenstrief employees, who actively participate in mission-driven academic initiatives. The Director also facilitates collaboration and community development with more than 42 affiliated scientists and other external partners and mobilize the future efforts of the CBMI's multidisciplinary, collaborative community, and advance interdisciplinary research partnerships across Regenstrief and the life sciences community within Indiana, including institutions such as:

- Indiana University (Schools of Public Health; Schools of Informatics, Computing, and Engineering; Medicine; Nursing; Business; and others)
- Purdue University (College of Engineering, College of Pharmacy; School of Communication; and others)
- Regenstrief Institute business units Aging Research, Health Services Research, Data Services, and Health Data Standards
- Indiana University Health
- Eskenazi Health
- Veterans' Health Administration
- Local and regional government and community-based organization partners, including state and local health departments, and others.

Other key internal partners and business units at the Regenstrief Institute include:

- Regenstrief Data Services (RDS) who aim to leverage Regenstrief Institute's data and informatics assets to support the pursuit of innovative healthcare solutions. RDS provides data and expertise to those seeking answers to important scientific questions in all stages of development, from study design to algorithm validation to implementation.
- Health Data Standards (HDS) whose mission is to develop and advance adoption of open data standards that enable efficient transmission, understanding, and use of health data. LOINC and HDS is committed to a health ecosystem where data is available with open standards that unlock the potential for information systems and applications to improve health decision-making and care.
- The Center for Health Services Research works to improve the delivery and outcomes of healthcare through innovative use of health information, technology, and communication. Areas of research include implementation science, health-related communication and coordination of care, organizational change and systems redesign, patient safety and quality of care, and systems-based interventions.
- The Center for Aging Research applies the rich information technology resources of Regenstrief and Indiana University to explore new models of care for late life depression, dementia, delirium, and other common geriatric syndromes. Much of this work has focused on vulnerable elders cared for in the urban public health system in Indianapolis.

The Director in this position will engage creatively to address CBMI's priorities, including the following:

- Recruitment, mentoring, and training strategies that intersect with and expand existing research and methodological efforts, with the goal of increasing the impact of Regenstrief's biomedical informatics research.
- Programmatic opportunities that support the work of center faculty.
- Championing the integration of health equity and diversity into all aspects of CBMI's activities, supporting the Regenstrief's mission to advance healthcare for all communities, particularly those historically underserved or marginalized.

IUSM is committed to being an institution that reflects the diversity of the learners we teach and the patient populations we serve and pursues the values of diversity, equity, and inclusion that inform academic excellence. We desire candidates who enhance our representational diversity and those whose work contributes to equitable and inclusive learning and working environments for our students, staff, and faculty. IUSM strives to take an anti-racist stance, regularly evaluating and updating its policies, procedures, and practices to confer equitable opportunities for contribution and advancement for all community members. We invite individuals who will join us in our mission to advance racial equity to transform health and well-being for all throughout Indiana. IU School of Medicine is committed to providing dual career services to assist new faculty with their personal or family relocation needs.

QUALIFICATIONS

The successful candidate will have a strong background in the above-mentioned domains and documented success in strategic planning, leadership, and long-range program development; demonstrated commitment to policy-relevant research and be energized by the possibilities of cultivating and sustaining productive relationships with faculty and staff, affiliates, external research collaborators, funders, operational partners, and other key stakeholders. The Director should have experience leading research in one of the Center's research focus areas or other areas of research strategically aligned with imminent challenges for biomedical informatics research: clinical evaluation and outcomes research, public and population health, monitoring and accountability, clinical decision making, organizing and financing of care, artificial intelligence, data science and analytics, clinical care, learning health systems, implementation science, consumer health, and policy. The administrative expectations include faculty and staff leadership, programmatic oversight, recruitment, and fiscal responsibilities.

Minimum qualifications include an MD, MD/PhD, or PhD. An appropriate academic appointment and Department home will be determined based on academic credentials. The individual selected for this position must be a highly accomplished leader with exceptional communication, interpersonal, and change management skills and demonstrate a solid commitment to upholding our core values, including promoting diversity, equity, and inclusion.

Desired qualifications - to be successful in this position, candidates should have all the following:

- A history of independent extramural funding
- Published record of scholarly achievement and scientific productivity
- Experience mentoring faculty and trainees
- Experience managing programs, staff, and strategic planning.
- The skills and vision required to recruit talented scientists and cultivate interdisciplinary research.
- Substantial experience and insight into publication and grant peer-review activities
- Demonstrated expertise in identifying and securing research support from diverse sources such as government or non-profit.

HOW TO APPLY

To apply for this leadership opportunity, visit https://indiana.peopleadmin.com/postings/23893. Please include (1) a letter of interest addressing leadership, administrative and education goals and experiences and (2) a curriculum vitae. The priority review deadline is July 1, 2024. The position will be open until filled.

Regenstrief Institute Vision

Pioneering transformative, interdisciplinary solutions for a healthier and more equitable world.

Regenstrief Institute Mission

Develop, conduct and disseminate impactful scientific research in health systems and across communities.

Regenstrief Institute Values

- **Community**: Addressing the needs of communities and populations, sharing knowledge and forming mutually beneficial partnerships.
- **Impact:** Disseminating discoveries to improve health, innovating to solve real-world problems, and translating and implementing solutions to drive improvements in health and healthcare.
- **People:** Recruiting and retaining the best and brightest and fostering a work environment of diversity and inclusion, where everyone is respected and valued for their unique contribution.
- **Equity**: Conducing scientific research that increases equity beyond the walls of Regenstrief.
- **Collaboration**: Collaborating to solve problems and drive interdisciplinary innovation by developing, nurturing and expanding relationships with our partners.

History of Regenstrief Institute

Sam Regenstrief was a captain of industry with a brilliant mind when it came to increasing manufacturing productivity while lowering costs. After a hospital visit for a physical and experiencing first-hand the inefficiency and inequity too often plaguing health care, Sam sought to find a way to apply technological and engineering advances to medicine.

The Regenstrief Foundation was thus established by Sam and his wife Myrtie in 1969. They believed the modern advances in technology and processes in industry which made Sam successful could be applied to health care systems and research.

The Regenstrief Institute, established as a separate entity from the Foundation in 2002 in support of the Indiana University School of Medicine (IUSM), was created as a medical research and development organization focused on improving quality of care, increasing efficiency of healthcare delivery, preventing medical errors, and enhancing patient safety. Investigators and their teams honor Sam Regenstrief's legacy every day by creating pathways for better health. Sharing Sam's vision to improve care through innovation, the work of the Regenstrief Institute (RI) lives at the intersection of medicine, research, technology, and engineering.

Sam and Myrtie Regenstrief helped break ground on construction of the original Regenstrief Health Center Building in 1973. In 2014, leaders from the Regenstrief Institute, Regenstrief Foundation, IU Health, Eskenazi Health, and IUSM took part in a similar ceremony as construction began on the Institute's new headquarters.

The four-story, 80,000 square foot building was completed in the fall of 2015. This state-of-the-art facility on the School of Medicine campus serves as the collaborative center for faculty investigators, research center support teams, and central administration. Today, key stakeholders of the Institute include – the Regenstrief Foundation and Indiana University School of Medicine – along with Eskenazi Health, IU Health, the Richard L. Roudebush Veterans' Administration Medical Center, Indiana Health Information Exchange (IHIE), and the Indiana Clinical and Translational Sciences Institute (CTSI), among others.

Dating back to the early 1970s, the Regenstrief Institute was a pioneer in the development of the electronic health record (EHR) and of the Logical Observation Identifiers Names and Codes (LOINC) terminology, now used worldwide as the international standard for identifying health measurements, observations, and documents. In addition to stewarding LOINC (now known as Health Data Standards), the other service organization includes Regenstrief Data Services, which provides access for research to the Indiana Network for Patient Care (INPC), containing 13 billion data elements from more than 100 hospital systems and thousands of providers across the state. Early efforts in EHR development led to the establishment of the Institute's Clem McDonald Center for Biomedical Informatics (CBMI), which develops and applies health information technology solutions to generate knowledge about health, disease, and treatment, help clinicians make optimal decisions, empower patients, and inform healthcare policy. CBMI works on clinical applications, computer-based decision support, data mining, advanced analytics, healthcare information standards, and global health. At the intersection of geriatric medicine and medical informatics, the Center for Aging Research at the Institute develops, tests, and implements innovative strategies for improving the quality and efficiency of healthcare and self-care for medically and socially vulnerable older adults. Similarly, the William T. Tierney Center for Health Services Research works to improve the delivery and outcomes of healthcare through innovative use of health information, technology, and communication.

The Institute also sponsors or co-sponsors multiple training opportunities including Clinical Informatics Fellowships, Public and Population Health Informatics Fellowships, and Health Services Research Fellowships. Regenstrief Investigators come from multiple disciplines and most hold faculty appointments with the IU School of Medicine, School of Nursing, or the Fairbanks School of Public Health at IUPUI. As a convener of thought leaders, the Institute has been highly successful in attaining funding from federal grants and contracts awarded by the National Library of Medicine, national philanthropies, Indianapolis healthcare institutions, and other sources.

Indiana University School of Medicine

Guided by its vision to lead the transformation of healthcare through quality, innovation and education and make Indiana one of the nation's healthiest states, chool o edicine is the largest medical school in the country and the only allopathic program in Indiana. As one school with nine campuses, the School of Medicine is a pioneer in the use of a multi-campus system to educate medical students and has more than 1,400 students enrolled in its MD program. An additional 1, 2 residents and fellows are completing graduate medical education programs and more than 600 students are enrolled in health professions or graduate degree programs. IUSM's diverse faculty community includes 3,392 full-time members and 3,2 8 volunteer faculty members; there are more than 25,000 living alumni.

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Clinical Partners

Eskenazi Health: IUSM has a long history of serving Indianapolis' most vulnerable residents as part of a collaboration with Eskenazi Health, the city's safety net health care system. Patients at Eskenazi Health have access to expert care provided by IUSM faculty physicians, who staff Eskenazi's Level 1 trauma center, busy emergency room and nationally highly regarded burn center, in addition to providing a full range of primary and specialty care.

Roudebush VA Medical Center: Faculty physicians provide comprehensive care to Indiana's military personnel and veterans through a long-standing relationship with the Richard L. Roudebush Veterans Administration Medical Center. The medical center, located near the downtown Indianapolis campus, provides both primary and tertiary care. IUSM faculty are improving therapies through basic and clinical research related to PTSD, bone and fracture healing, traumatic brain injuries and other conditions affecting U.S. troops.

Indiana University Health: IU Health is the state's largest and most comprehensive health care system hich has t ice ea ned a place on the e s and o ld epo t ono oll ith the ision to lead the t ans o mation o healthca e th o gh alit inno ation and ed cation to ma e ndiana one o the nation s healthiest states. ealth is among the top ten la gest single state nonp o it health s stems in the nited tates ope ating hospitals state ide a mi o an s an and al acilities .

INDIANA UNIVERSITY SCHOOL OF MEDICINE, INDIANA'S ONLY ALLOPATHIC MEDICAL SCHOOL, IS THE LARGEST MEDICAL SCHOOL IN THE UNITED STATES, OFFERING EDUCATION TO MORE THAN 1,600 MEDICAL AND GRADUATE STUDENTS IN PURSUIT OF ITS TRIPARTITE MISSION TO PROMOTE INNOVATION AND EXCELLENCE IN EDUCATION, RESEARCH AND PATIENT CARE.

HEADQUARTERED IN INDIANAPOLIS, IU SCHOOL OF MEDICINE HAS NINE CAMPUSES THROUGHOUT INDIANA, PROVIDING UNIQUE OPPORTUNITIES TO IMPROVE THE HEALTH OF CITIZENS ACROSS THE STATE.

INDIANA UNIVERSITY SCHOOL OF MEDICINE

Founded in 1903, Indiana University School of Medicine has a long history of innovation and excellence in medical education, research and care. Our faculty developed the cure for testicular cancer, pioneered use of echocardiography and led the development of the electronic medical record, among other accomplishments. That tradition continues today. Under the leadership of Dean Jay Hess, MD, PhD, and the school's executive team, Indiana University School of Medicine has built on more than a century of success and is transforming the way health care is delivered in Indiana and afar.

Research Growth
For the fifth straight year, Indiana University School of Medicine set a school record for research funding received from the National Institutes of Health as school scientists and physicians were awarded over $189 million in NIH research funding in the 2019 federal fiscal year—about $40 million more than the school record from the previous year. The school's NIH funding increased more than $104 million, or 95 percent, over the last five years, propelling Indiana University School of Medicine to 14th out of 92 public medical schools that receive NIH funding and 28th out of 145 medical schools overall–demonstrating national leadership in critical fields like Alzheimer's disease and pediatrics.

Statewide Training
The school is capitalizing on its statewide footprint and the strengths of its nine campuses to graduate physicians who will serve all Hoosiers. More students are completing clinical rotations outside of Indianapolis, the school is partnering with community hospitals to add residency programs throughout the state, and campuses are developing scholarly concentrations that showcase their unique expertise.

Leading-Edge Care
Indiana University School of Medicine has moved more than 65 independent physician groups into a single faculty group practice, IU Health Physicians, to improve delivery of care and strengthen the alignment of clinical, education and research missions. As a result, more Hoosiers have access to advanced care and the most promising therapies in the form of clinical research studies.

Attracting Funding
Grantmakers and individual donors have taken note of the school's ambitious vision and are investing generously in research and other programs. To date, Indiana University School of Medicine has raised more than $1.7 billion as part of For All: The Indiana University Bicentennial Campaign, including more than 99 endowed chairs and professorships and 144 endowed scholarships.


Scan or click
link to watch

Above everything, we are healers, Guided by principles of science, dignity and compassion. By a mission to strive for the wellbeing of humanity. We fight against what pains our world, and that fight takes place far beyond drugs or therapies. It is about improving communities. Offering hope and comfort. And now more than ever, it is about breaking down inequalities that stand as barriers to quality of life.

IU INDIANA UNIVERSITY
SCHOOL OF MEDICINE

2023-2024 FACT SHEET

RESEARCH
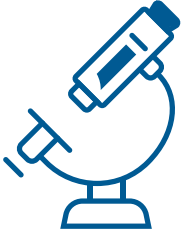
$519,009,218	TOTAL GRANTS AWARDED FOR CALENDAR YEAR (ENDING DECEMBER 31, 2023)
$243,608,100	TOTAL NIH FUNDING FOR FEDERAL FISCAL YEAR (ENDING SEPTEMBER 30, 2023)
29	RANKING FOR NIH FUNDING AMONG ALL U.S. MEDICAL SCHOOLS*
13	RANKING FOR NIH FUNDING AMONG ALL PUBLIC U.S. MEDICAL SCHOOLS**

EDUCATION

CLASS OF 2027 - NEW BEGINNERS

6,109 APPLICATIONS RECEIVED	**364** STUDENTS ENROLLED
178/186 MALE / FEMALE	**88** UNDER-REPRESENTED MINORITIES
284 IN STATE **80** OUT OF STATE	**3.8** AVERAGE GPA **511.7** AVERAGE MCAT

MEDICAL STUDENT BODY

BLOOMINGTON	92
EVANSVILLE	82
FORT WAYNE	80
INDIANAPOLIS	845
MUNCIE	57
NORTHWEST GARY	67
SOUTH BEND	99
TERRE HAUTE	80
WEST LAFAYETTE	59
TOTAL	**1,461**

MD ANNUAL TUITION

IN STATE	$37,553
OUT OF STATE	$63,700

GRADUATE MEDICAL EDUCATION

TOTAL RESIDENTS + FELLOWS	1,442
TOTAL ACCREDITED PROGRAMS	114
OTHER PROGRAMS	94

GRADUATE + UNDERGRADUATE PROGRAMS

MASTER'S STUDENTS	174
PHD STUDENTS	195
HEALTH PROFESSIONS PROGRAM	253

FACULTY AND STAFF

FACULTY

VOLUNTEER	3,248	FULL-TIME	3,392
PART-TIME	253		

FULL-TIME STAFF

TOTAL	2,409

IU SCHOOL OF MEDICINE DIVERSITY FACT SHEET ACADEMIC YEAR 2023-2024

	TOTAL	FEMALE	INTER NATIONAL	HISPANIC OR LATINE	TWO OR MORE RACES	AMERICAN INDIAN/ ALASKAN NATIVE	AFRICAN AMERICAN / BLACK	ASIAN AMERICAN/ ASIAN	NATIVE HAWAIIAN/ PACIFIC ISLANDER	WHITE	UNKNOWN
STUDENTS[1]											
MEDICAL EDUCATION	1,461	50.0%	<1.0%	11.2%	5.3%	0.0%	6.6%	17.5%	0.0%	58.7%	<1.0%
GRADUATE: DOCTORAL PROGRAMS	260	61.5%	28.8%	6.5%	1.9%	0.0%	4.2%	6.9%	0.0%	51.2%	<1.0%
GRADUATE: MASTER'S PROGRAMS	144	61.1%	2.8%	6.9%	6.3%	0.0%	11.1%	9.7%	0.0%	63.2%	0.0%
UNDERGRADUATE PROGRAMS	343	85.7%	<1.0%	13.7%	5.8%	0.0%	5.5%	5.2%	0.0%	68.5%	<1.0%
FULL-TIME STAFF[1]											
PROFESSIONAL	2,346	76.7%	3.3%	4.9%	2.1%	<1.0%	9.1%	5.4%	<1.0%	74.9%	<1.0%
FULL-TIME FACULTY[2]											
TENURE-TRACK/TENURED	712	33.7%	--	4.2%	1.7%	0.0%	4.1%	22.8%	0.0%	67.0%	<1.0%
NON-TENURE (INCLUDES FT AFFILIATES)	2,680	43.0%	--	3.9%	<1.0%	<1.0%	4.0%	24.4%	<1.0%	66.9%	0.0%
TRAINEES[3]											
RESIDENTS/FELLOWS	1,435	47.9%	8.2%	4.6%	4.9%	<1.0%	7.2%	20.3%	<1.0%	62.6%	0.0%
POST-DOCTORAL FELLOWS (AC1)	204	44.1%	--	9.8%	0.0%	0.0%	4.4%	58.8%	0.0%	27.0%	0.0%
STATE OF INDIANA[4]											
POPULATION ESTIMATES, 2023	6,862,199	50.3%	--	7.9%	2.4%	0.4%	10.3%	2.8%	0.1%	77.0%[5]	--

[1]IU STUDENT AND STAFF DATA FOLLOWS FEDERAL REPORTING GUIDES CATEGORIZING INDIVIDUALS WHO SELECTED MORE THAN ONE RACE OR ETHNICITY INTO INTERNATIONAL, HISPANIC OR LATINX, OR TWO OR MORE RACES. SEE UIRR DATA GUIDE FOR MORE INFORMATION ABOUT LOGIC APPLIED. THE ORDER OF RACE OR ETHNICITY CATEGORIES, FIRST, FOLLOWS LOGIC APPLIED, AND THEN, ALPHABETICALLY LISTS SINGLE-SELECTED CATEGORIES.
[2]IU SCHOOL OF MEDICINE FACULTY DATA SYSTEM DOES NOT REPORT INTERNATIONAL STATUS AS A RACE OR ETHNICITY CATEGORY.
[3]TWO OR MORE RACE DATA APPEARS DIFFERENT FROM PREVIOUS YEARS; IN THE PAST, THIS DATA WAS NOT COLLECTED DIRECTLY IN MEDHUB. EACH RACE/ETHNICITY GROUP WAS BROKEN INTO A DISTINCT BUCKET FOR THE PURPOSES OF THE TABLE ABOVE, E.G., AN INDIVIDUAL SELECTING WHITE + HISPANIC WOULD ONLY APPEAR ONCE IN THE TWO OR MORE RACE COLUMN.
[4]SOURCE: U.S. CENSUS BUREAU
[5]WHITE ALONE, NOT HISPANIC OR LATINO

FOR FULL-TIME FACULTY AND POSTDOC FELLOWS, INDIVIDUALS WHO SELECTED AFRICAN AMERICAN OR BLACK AND ANOTHER RACE OR ETHNICITY ARE INCLUDED IN THE AFRICAN AMERICAN OR BLACK PERCENTAGE.

ALL DATA IS UPDATED ANNUALLY IN FEBRUARY

About Indianapolis

Indianapolis is a world-class city filled with rich cultural histories. In addition to hosting professional sports teams, a dynamic mix of Fortune 500 companies and innovative small business, and an emerging food and beverage culture, Indianapolis is a thriving metropolis that benefits from the contributions of diverse communities and leaders. From the Madam CJ Walker Factory to 1955 Crispus Attucks High School State Basketball Champions - the first African American basketball team to win a state championship - cultural communities have made their mark on this city.

While Indianapolis is most celebrated for sporting events like the Indianapolis 500, the city has a complex history of growth and cultural expansion. As an institution, IU School of Medicine recognizes that we live, work, and learn on the historic homelands of the Miami, Potawatomi, and Shawnee peoples. Our institution also reflects on our placement on the lands of a displaced vibrant Black community in the historic Indianapolis Near Westside.

Indianapolis welcomes cultural communities from around the world. For example, since 2000 almost 20,000 Burmese Chin have come to Indianapolis seeking asylum from religious and political persecution in Myanmar (formerly Burma). This makes the city one of the largest concentrations of Chin people outside of Myanmar.

To learn more about cultural communities, resources, and events in Indianapolis, visit the links below:

Select organizations
- [Aesculapian Medical Society](#)
- [Burmese American Community Institute](#)
- [Center for Interfaith Cooperation](#)
- [Indianapolis Urban League](#)
- [Indiana Latino Institute](#)
- [Indy Rainbow Chamber of Commerce](#)
- [La Plaza](#)
- [Madam Walker Legacy Center](#)

Select events and experiences
- [Circle City Classic](#)
- [FIESTA Indianapolis](#)
- [Hoosier Women at Work Conference](#)
- [Indiana Black Expo](#)
- [Indy Pride Parade and Festival](#)
- [Steward Speaker Series](#)
- [Through2Eyes Indiana](#)

Select resources
- [Accessibility information](#)
- [Digital Encyclopedia of Indianapolis](#)
- [Indiana Avenue Cultural District](#)
- [Kennedy King Memorial Initiative](#)
- [Visit Indy](#)