Director, Center for Health Outcomes and Informatics Research (CHOIR)

Prepared by:

Hillary Ross
Zach Durst

Witt/Kieffer
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Center for Health Outcomes and Informatics Research (CHOIR)

Loyola University Chicago seeks an experienced director of clinical health outcomes or informatics research to lead a robust and highly innovative team that will define the cutting edge of biomedical research. This individual will be passionate about the mission and vision of the Center for Health Outcomes and Informatics Research and have the expertise to make these a reality.

The Center for Health Outcomes and Informatics Research (CHOIR), a component of Loyola University Chicago’s Health Sciences Division, serves to educate and engage clinical faculty, healthcare professionals, resident physicians and health sciences students in the fundamentals of health outcomes research and data-driven healthcare delivery. CHOIR’s primary objective is to create a data-driven culture in the service of improved outcomes and health equity. CHOIR is a core strategic collaboration between Loyola University Chicago Health Sciences and Loyola University Health System in their shared mission of education, research and service to others. In the Jesuit tradition, the phrase cura personalis speaks to Loyola’s distinctive person-centered approach to education.

The director will identify opportunities, needs, directions and assemble the requisite multidisciplinary teams to achieve CHOIR’s goals. The CHOIR director will partner with research and informatics leadership to align and develop strategic initiatives and resources. Priorities will be to apply health outcomes and informatics research principles to impact health care delivery and change lives with a specific focus on health inequities and disparities. The director will collaborate with our affiliated health-care institution, Loyola University Health System, to ensure educational and research initiatives address pressing health outcomes needs for this strategic partner. The director will work in partnership with other regional, national and international institutions to identify and develop additional appropriate educational and research opportunities.

Loyola University Health System (LUHS), a Trinity Health Regional Health Ministry, is a strategic partner with Loyola University Chicago and CHOIR in that it shares the same commitment to impacting lives of the community and larger population through its research and delivery of clinical care. LUHS provides resources and a local environment to conduct research; Trinity’s national presence and vast health-care network provide significant opportunities to conduct large-scale research and broadly impact healthcare delivery.
Loyola University Chicago is a Jesuit, Catholic university – a diverse community seeking God in all things and working to expand knowledge in the service of humanity through learning, justice and faith. Founded in 1870 as St. Ignatius College, Loyola is the nation’s largest Jesuit, Catholic university and the only one located in Chicago.

For more than a decade, Loyola has experienced tremendous growth in virtually every dimension, including undergraduate enrollments, student success measures, research activity, physical footprint and academic programs. Motivated by its Jesuit commitment to social justice and transformative education, Loyola has earned recognition on the national higher education landscape for its robust, mission-centered undergraduate experience, array of quality graduate and professional programs, expanding research initiatives and engagement with the Chicago community.

**Vision**

Loyola University Chicago is the school of choice for those who wish to seek new knowledge in the service of humanity in a world-renowned urban center as members of a diverse learning community that values freedom of inquiry, the pursuit of truth, and care for others.

**Promise**

Preparing People to Lead Extraordinary Lives

**Locations**

Loyola enrolls more than 16,000 students across four campuses: Lake Shore, Water Tower, Health Sciences, and the John Felice Rome Center in Italy. It boasts 11 schools and colleges and two institutes:

- Quinlan School of Business
- Marcella Niehoff School of Nursing
- Stritch School of Medicine
- College of Arts and Sciences
- School of Communication
- School of Continuing and Professional Studies
- School of Education
- School of Law
- School of Social Work
- The Graduate School
Loyola has more than 150,000 alumni, with 85,000 of them residing in the greater Chicago area. Loyola is among a select group of universities recognized for community service and engagement by prestigious national organizations such as the Carnegie Foundation and the Corporation for National and Community Service.

Health Sciences

The Health Sciences Division is Loyola University Chicago’s hub of schools, centers and institutes dedicated to health sciences research and education. The division is located on the Health Sciences campus in Maywood, Ill.; it is home to the Stritch School of Medicine and the Marcella Niehoff School of Nursing, as well as a graduate program in Public Health. These components provide instruction and experiential learning for some 1,500 nursing, medical and biomedical students.

Along with the Health Sciences Division, the 61-acre Maywood campus also houses Loyola University Health System (LUHS), a Trinity Health Regional Health Ministry, and is adjacent to the Edward Hines, Jr. VA Hospital. These two healthcare affiliates are strategic partners that support the missions of the health sciences division.

The Health Sciences Division recently opened the new Center for Translational Research and Education (CTRE) facility. The CTRE promotes interdisciplinary translational research and education programs that range from basic discovery to clinical research, including public health and population health sciences, nursing and implementation studies. Loyola and its Trinity Health partner jointly funded the building of the $137 million facility.

The CTRE is approximately 259,000 square feet of research space in the center of campus (including 29,000 square feet in the adjoining Cardinal Bernardin Cancer Center). This facility supports approximately 70 bench and 40 dry lab scientists and will enable an increase in research productivity by 40-50% over the next five years.

Along with the current research institutes, CHOIR will be housed within the CTRE and draw many of its appointed faculty from the facility. Other supporting units (biostatics, clinical trials, etc.) also are located within the CTRE.
Stritch School of Medicine

The Stritch School of Medicine, inspired by its Catholic, Jesuit heritage, is committed to excellence, care for the individual and community service. These values create a distinctive ethical, scholarly and professional atmosphere for faculty, students and house staff. Stritch has been in the vanguard of institutions that have created new, active learning curricula to help students meet the challenges of 21st century health care. An estimated 15,000 students compete each year for 160 openings in the Stritch School of Medicine’s first-year class.

In 1997, the Stritch School of Medicine opened a new medical education facility. This state-of-the-art facility provides resources to support Stritch’s more than 1,000 faculty in the instruction of 600 medical students and 180 graduate students. The facility is a model for medical schools, providing the infrastructure for a number of curricular innovations.

Selected curricular innovations include an integrated Patient-Centered Medicine curriculum; educational bioethics programs through the Neiswanger Institute for Bioethics & Health Policy; enhanced teaching excellence through the Leischner Institute for Medical Education (LIME); a curriculum in spirituality and medicine; opportunities to serve the community locally as well as in Ignatian immersion activities in foreign countries; advanced computer technology and infrastructure support; active interdisciplinary research opportunities; and MD/PhD, MD/MPH and MD/MA in Bioethics dual degree programs.

SSOM’s major research efforts can be summarized briefly by listing its basic science departments (Cellular and Molecular Physiology, Microbiology and Immunology, Molecular Therapeutics, Public Health Sciences) its research institutes (the Burn and Shock Trauma Research Institute, the Cardiovascular Research Institute, the Infectious Disease and Immunology Research Institute, and the Oncology Research Institute) and its many associated doctoral programs. The 18 clinical departments are home to the majority of the clinical investigations, notably in the departments of Medicine, Surgery, Urology and Pathology.

One Stritch component that supports CHOIR with faculty and research activity is Stritch’s Department of Public Health Sciences (PHS). Located in the CTRE, PHS has 19 faculty members with research interests ranging from epidemiology, health services research, and health economics and outcomes to genetics of complex diseases, the microbiome and bioinformatics. PHS faculty serve as principal investigators on two multi-center project awards – Patient Centered Outcomes Research Institute (PCORI) CAPriCORN clinical data network and the recently awarded University of Chicago Institute for Translational Medicine (formerly CTSA).

Stritch’s missions are supported by faculty whose primary appointments are in one of its 18 clinical and four basic science departments. SSOM faculty conduct varied research and will engage with CHOIR through joint appointments and participation in targeted research and educational opportunities.
Marcella Niehoff School of Nursing

The Marcella Niehoff School of Nursing (MNSON) provides a transformative education in the Jesuit Catholic tradition – improving health, advancing science and ensuring excellence in patient care into the future. The school became the first accredited collegiate nursing program in Illinois when it began offering bachelor’s degrees in 1935. The Marcella Niehoff School of Nursing is among the largest undergraduate nursing colleges in the United States.

Undergraduate programs on the Lake Shore Campus provide bachelor’s degrees in nursing, health systems management and exercise science. Graduate programs, based on the Health Sciences Campus, provide masters, doctor of nursing practice and PhD degrees as well as the masters in dietetics program. Total school enrollment for 2016 was more than 1,500 students.

The first dedicated nursing building in the school’s 77-year history opened in August 2011 on the Health Sciences Campus. Physically connected and adjacent to Stritch, the building and related institutes and centers puts Niehoff in a unique position to support the modern paradigm of interprofessional nursing and medical education.

MNSON’s major research emphases are:

- Social context, stress, and epigenetic determinants of health
- Health disparities and vulnerable populations
- Prevention and self-management of chronic disease
- Optimizing outcomes in education and practice

Researchers within the MNSON leverage their clinical and scientific expertise to reduce individual and societal burden for a variety of health issues and diseases, including untoward pregnancy outcomes, urinary incontinence, metabolic syndrome, diabetes, cardiovascular disease, and asthma. Research initiatives are aimed at reducing health disparities among African American men and women, Filipino women, Asian Indians, at risk youth, and veterans. In addition, MNSON faculty are actively engaged in developing and implementing interprofessional team projects and models of care with Loyola University Health Systems focused on patient-centered care and clinical outcomes.

MNSON faculty work closely with community partners to improve outcomes of vulnerable populations. For example, faculty established a school-based health center in Proviso East High School over a decade ago in response to growing healthcare disparities in this underserved community. This Center is funded by Health Resources and Services Administration (HRSA) as well as several foundations. The goals of the Center are to increase access to care, enhance care coordination between providers and improve outcomes in underserved community-based settings.
Trinity Health – Strategic Health-Care Partner

In July 2011, Loyola University Health System became a part of Trinity Health, a Livonia, Michigan-based, not-for-profit Catholic health system. Subsequently in May 2013, Trinity Health merged with Catholic Health East to form a health system that includes 93 hospitals and 122 continuing care locations in 22 states. The new system creates the second largest not-for-profit health system in the United States based on $17.6 billion in operating revenue. Despite its large scale, Trinity Health is focused on bringing value back to its local ministries.

As a not-for-profit health system, Trinity Health reinvests its profits back into the community through programs to serve the poor and uninsured, manage chronic conditions like diabetes, health education and promotion initiatives, and outreach for the elderly. In fiscal 2016, this included more than $1.1 billion in such community benefits.

With the consolidation, Trinity Health and LUHS join forces to bring increased resources and greater efficiencies to patients who rely on the health system's leading-edge treatments and exceptional care. At the same time, Trinity Health and LUHS work closely with LUC’s Health Sciences Division to support health-sciences education and research. The entities are working collaboratively to become one of the nation’s leading providers of Catholic health care, research and medical education.

The enormity of Trinity Health’s network, across 22 states, provides access to patient populations that are geographically, economically and demographically diverse, thus creating a unique opportunity to both assemble large-scale retrospective/observational data sets and identify patient cohorts for potential large-scale prospective patient recruitments.

Loyola University Health System

Loyola University Health System (LUHS) is a private, Catholic health-care provider based in the western suburbs of Chicago. A nationally recognized leader in specialty and primary health-care delivery, LUHS is a full-service, academic, quaternary health-care provider with clinical excellence across all medical disciplines. LUHS is committed to excellence in patient care, research and the education of health professionals. In concert with Loyola University Chicago (LUC), the research enterprise conducts innovative research in heart disease, cancer, infectious disease and immunology, organ transplantation and neurological disorders.
LUHS includes a core academic hospital (formerly Foster G. McGaw Hospital) located on its Loyola University Medical Center campus in Maywood; a community hospital and health system, Gottlieb Memorial Hospital and Gottlieb Health Resources, located in nearby Melrose Park; and an extensive network of 23 primary and specialty ambulatory care sites conveniently located throughout the western suburbs of Chicago. In addition to Loyola University Medical Center, LUHS has many affiliations throughout the region and nationally that affords the health system opportunities for expanded clinical research.

LUHS has long been a leader in health information technology, having implemented its first electronic medical record system in 1989. In 2004, LUHS began implementation of EPIC’s integrated software, which spans clinical, scheduling and revenue functions, and a patient portal. EPIC is utilized at the majority of LUHS’s 23 ambulatory care sites and is fully implemented in its community hospital. In concert with AHRQ grant funding, the enterprise is expanding its use of patient reported outcomes via the portal to optimize care across populations.

Loyola University Medical Center
Loyola University Medical Center (LUMC) is located in the near west suburbs of Chicago on a 61-acre campus in Maywood, Ill., and houses the health system’s core academic hospital. LUMC is adjacent to the Edward Hines, Jr. VA Hospital and the State of Illinois John J. Madden Mental Health Center.

LUMC has provided skilled, compassionate care to patients for 35 years. The hospital underwent a $120 million expansion that includes 12 new operating rooms, 64 private hospital rooms, and an expanded new home for the William G. and Mary A. Ryan Center for Heart and Vascular Medicine. Important components of LUMC include the following:

- **Loyola University Medical Center (formerly Foster G. McGaw Hospital)** is a 547-licensed-bed, tertiary care, teaching facility that includes a Level 1 trauma center and a burn center

- **Ronald McDonald® Children’s Hospital** of Loyola University Medical Center (LUMC) provides a network of general and specialty services throughout Chicago’s western suburbs at Loyola’s primary care and family health centers. The hospital-within-a-hospital on the LUMC campus includes a 50-bed neonatal intensive care unit, a 16-bed pediatric intensive care unit and 34 general pediatric beds

- **Cardinal Bernardin Cancer Center** houses facilities for cancer research, diagnosis, treatment and prevention under one roof

- **William G. and Mary A. Ryan Center for Heart and Vascular Medicine** brings together cardiologists, cardiovascular surgeons, radiologists, peripheral vascular, vascular neurology, endovascular neurology and other specialists to offer patients an innovative, more integrated approach to care

- **Loyola Outpatient Center** is equipped with general and specialized examination and treatment rooms, clinical laboratories, a diagnostic radiology department as well as a new radiation oncology facility and ambulatory surgery suites
LUMC has long been a technology innovator and early adopter. For the 14th time, Loyola University Medical Center has been named one of the nation’s Most Wired Hospitals and Health Systems. Results of the 2017 Health Care’s Most Wired Survey are published in the July 2017 issue of the American Hospital Association’s Hospitals & Health Networks magazine.

LUMC is a closed practice with all physicians having faculty appointments within the Stritch School of Medicine. LUMC serves as a primary site for clinical trials, with a large number of oncology trials operating through the Cardinal Bernardin Cancer Center. LUMC and LUC are tightly integrated for research purposes and have data-sharing and use agreements that allow broad access to clinical information for health-care research. LUMC relies on LUC for its Institutional Review Board function.

Gottlieb Memorial Hospital
In 2008, LUHS acquired Gottlieb Memorial Hospital (GMH) located in Melrose Park. GMH is a 250-bed non-profit, nonsectarian community hospital with approximately 1,200 employees, more than 300 physicians and dentists on staff, and about 200 volunteers. It is best known for its emergency care, heart care, oncology program, and neurosurgery and orthopedic surgery.

Ambulatory Care Network
Loyola's ambulatory care network is a national model for academic medical centers. The network contains 23 primary and specialty care practice locations in the western and southwestern suburbs of Chicago as well as 225,000 square feet of specialty focused centers on campus. All practices share an integrated electronic medical record, EPIC. In addition to medical offices, the ambulatory network contains imaging centers, rehabilitation centers, ambulatory surgery centers, and chemotherapy and procedural suites. The network is in constant development and the off-campus locations are responsible for more than 50% of the network's ambulatory care volume.

The Loyola Center for Health at Burr Ridge, LUHS’ largest off-campus location, is a 100,000-square foot center offering a broad range of ambulatory clinical care and services. This practice site houses more than 130 faculty and 150 dedicated on-site supporting many of Loyola’s Clinical Programs. The center was created as a "one-stop shop" for patients so that patients can see their physician, advanced practice provider, physical therapist, etc. in the same location. Loyola also is experimenting with a new model of care that minimizes patient wait time and improves practice flow.

Loyola’s utilization of a common electronic medical record across ambulatory and inpatient settings allows for retrospective clinical studies and prospective study collection at all points of health-care delivery. These resources are utilized by LUC and LUHS in their participation in the Chicago Area Patient Centered Outcomes Research Network (CAPriCORN) (http://capricorncdrn.org). A goal of CAPriCORN, which is funded by Patient Centered Outcomes Research Institute (PCORI), is to utilize the electronic health records of the member institutions to conduct research more efficiently by using a common data model. This infrastructure provides opportunities to conduct comparative effectiveness, observational and interventional studies across Chicago institutions as well as to participate in studies that involve other national PCORI-supported networks. To date, Loyola has participated in more than a dozen studies/trials through these networks.
Edward Hines, Jr. VA Hospital
The Edward Hines, Jr. VA Hospital (Hines) is a large tertiary medical and research facility located 12 miles west of downtown Chicago on a 147-acre campus adjacent to Loyola University Medical Center. It is a primary teaching facility for LUMC/LUC, serving as a training site for 300 medical students and 450 house staff a year for multiple clinical departments. The hospital serves approximately 56,000 unique veterans annually and delivers more than 500,000 outpatient visits. Many of the Department of Medicine faculty are employed part-time or have without-compensation appointments at Hines, and a disbursement agreement with the Veterans Administration (VA) provides for substantial resident and fellowship salary support.

In addition, Hines has a robust research program with a large animal facility and basic, clinical science and rehabilitation research. Hines has one of five Cooperative Studies Program Coordinating Centers in the VA to manage multisite clinical trials, a center of innovation for health services research, and the VA Information Resource Center (VIReC). More than 350 people are employed in research services including investigators, project staff and administrative staff.

Recent notable research projects completed by Hines investigators include:

- A study using Medicare and VA administrative data files that found a modest survival benefit for Parkinson’s disease patients who underwent deep brain stimulation compared to those who were managed medically

- A study that found that neither the absolute or relative geographic accessibility of supermarkets, fast-food restaurants, or mass merchandisers was associated with change in a person’s BMI over time

- A study of veterans who were dually eligible for pharmacy benefits from VA and Medicare Part-D found that almost one-third of veterans received medications from Part-D reimbursed pharmacies, either alone or together with VA pharmacies

Hines also is a participant in CAPriCORN along with Loyola University Chicago and several other Chicago-based academic health-care institutions. Loyola’s collaboration with Hines provides opportunities to access unique sets of resources, including the VIReC as well as clinical and genomic data from the Million Veteran Program (https://www.research.va.gov/mvp/). The VA also provides funding opportunities for collaborative research projects.
Select Innovative Clinical Research Resources

Loyola University Chicago Health Sciences Division has a strong commitment to support and provide resources and opportunities related to CHOIR. These include investments in faculty, informatics and health-care technology expertise. Stritch and HSD have been committed to innovative technology use in health care and medical education since 1987 with the development of the Division of Medical Informatics. Loyola’s first EMR was developed and deployed by the division in 1989. Subsequently, the division extended the EMR to include an integrated patient information protocol system that was utilized to conduct hundreds of clinical trials. The institution continues to innovate in health informatics; below are some recently developed unique clinical research resources.

Clinical Research Database
The Clinical Research Database (CRDB) was jointly developed by Loyola University Chicago Health Sciences Division and Loyola University Health System. CRDB is comprised of a limited dataset of patients from Loyola University Health System’s EPIC electronic medical record. The CRDB consists of a Hadoop-based clinical data repository and a supporting end-user, self-service web application. The CRDB houses a decade of longitudinal clinical data on more than two million patients. The use of a “big data” platform such as Hadoop allows for complex longitudinal analysis not normally available on traditional relational database platforms. The CRDB is accessed via the institution’s intranet portal and is available to all active users. Users can perform “preparatory-to-research” patient cohort queries on a self-serve basis and request access to underlying data through an online institutional review board (IRB) process. To date, the CRDB has been utilized by nearly 2,000 unique users to perform almost 3,000 patient cohort queries. The CRDB was awarded a national innovation award in 2013 from the Association of American Medical Colleges for Learning Health Systems. Currently, plans are underway to create a completely de-identified instance of the CRDB. CRDB datasets are utilized in clinical research for retrospective and prospective studies.

Relationship of Clinical Knowledge to Events Tool
The Relationship of Clinical Knowledge to Events Tool (ROCKET) is an innovative “big data” research and education tool that supports clinical analysis, data visualization and knowledge linking to allow users to explore large, temporally analyzed clinical datasets. Clinical events (e.g., chronic and non-chronic disease, medications, etc.) are defined and longitudinally analyzed on the institution’s Hadoop cluster with resultant temporal data passed to ROCKET. The CRDB is longitudinally analyzed with ROCKET clinical events that currently include 26 chronic diseases, 38 non-chronic diseases and 12 classes of medications. Users also can perform ad-hoc multi-event visualizations by selecting an “alignment” event (e.g., acute myocardial infarction) and a desired number of temporal events. Events are Medical Subject Heading (MESH) coded to support deep linking to online knowledge content. ROCKET earned Loyola a second national innovation award in 2015 from the Association of American Medical Colleges for Learning Health Systems. ROCKET technology currently is utilized in the production of longitudinal variables that are used to construct predictive models for health outcomes.
Trinity Clinical Research Database
The Trinity Clinical Research Database (T-CRDB) is comprised of a limited dataset of a subset of patients (9 million patients, 46 million encounters from 47 institutions) from Trinity Health. Data are extracted directly from the Trinity Health Teradata platform and programmatically assembled in Hadoop at Loyola. At present, provided data includes important elements of demographics and encounters. Clinical laboratory and medication data are targeted to be provided by end of calendar year 2017. Data are integrated in the CRDB as a separate Trinity data instance.
Position Summary

The director will provide strategic leadership and direction for all aspects of the new and innovative Center for Health Outcomes and Informatics Research (CHOIR). CHOIR will serve as a research hub assembling requisite multidisciplinary teams as required to achieve its goals. Planned multidisciplinary teams will include faculty and staff from among myriad Loyola University Chicago locations, the Stritch School of Medicine, the Marcella Niehoff School of Nursing, Loyola University Health System and Trinity Health.

CHOIR goals include the creation of a data-driven culture in the service of improved outcomes and health equities; the education of health professionals on informatics principles; the execution of clinical, operations and outcomes research; and the performance of related scholarly activities. The director will develop a highly diverse center that includes faculty members from across disciplines to leverage the powerful informatics infrastructure that Loyola has developed. This includes data from Loyola University Medical Center’s EPIC EHR system as well as information from 47 Trinity Hospitals for outcomes and informatics research.

The director will report to the provost of Loyola University Chicago Health Sciences Division, Margaret Callahan, CRNA, PhD, FNAP, FAAN.

Responsibilities

- Serve as a conduit among Loyola University Chicago, Loyola University Health System and Trinity Health to expand and foster research in health outcomes
- Develop novel means for improving the care and outcomes of chronic care populations using the extensive data and clinical resources of Loyola University Chicago, Loyola University Health System and Trinity Health
- In collaboration with key stakeholders, help lead short-term projects that can be quickly operationalized to improve patient outcomes throughout Loyola University Health System and Trinity Health
- Promote CHOIR successes to internal collaborators and external partners across the country to increase the visibility of the center and its work
- Lead governance processes to prioritize, align and execute health outcomes research across the Health Sciences entities
- Provide guidance and leadership to junior faculty members, students, residents, fellows and staff in the areas of intersection between informatics and health outcomes research
- Enhance existing funding streams for health outcomes and informatics research support and seek significant new ones; sources to include grants and government funding, private funding and philanthropic support
● Work with Health Sciences informatics leadership and Loyola University Health System to leverage the leading-edge informatics research infrastructure and clinical research database (CRDB) and additional information from 47 Trinity Health hospitals to conduct large scale studies

● Establish connections and collaborations with outside institutions, including a close partnership with Trinity Health, to find means of improving care through operationalized outcomes and informatics work

● In partnership with other faculty members in the Marcella Niehoff School of Nursing and Stritch School of Medicine, expand the development of continuing education in outcomes research for clinicians with the ultimate goal being the creation of a master’s degree in Health Outcomes Research for the university

**Experience**

The ideal candidate will be a clinically active physician or nurse-scientist who has a reputation in trials and health outcomes with significant experience in funded clinical trials outcomes research, setting informatics strategy for clinical and population health management functions, and designing models for effective improvement of clinical quality, cost management and population health performance.

● Previous experience in developing grant-funded research and in mentoring junior faculty members to expand their research portfolios to increase the visibility of the institution and programs

● Extensive work with clinical outcomes research to improve the short- and long-term care of patient populations

● An academic and research record that merits appointment to a senior-level faculty position at the university

● Demonstrated track record of:
  ○ Linking clinicians, clinical researchers, nurses, nurses-investigators, pharmacists and others with data to improve patient safety, quality and cost of care
  ○ Liaising between clinicians and researchers to help identify and achieve research priorities
  ○ Operationalizing advancements from the research realm into clinical care delivery

● Proven, substantial and progressive leadership achievement in a university with an affiliated academic medical center or within a medical school

● National reputation as a respected and accomplished researcher, clinician and educator in health outcomes and/or informatics
Experience within an institution focused on improving health disparities for the community the institution serves

Demonstrated understanding and vision for how to grow a cross-organizational center to include a diverse group of faculty members from medicine, computer science, social work, nursing and others

Demonstrated ability to recruit, retain and mentor faculty internally and externally into CHOIR and an ability to support senior faculty, students and clinicians in their research, teaching and clinical endeavors

Demonstrated leadership in the advancement of a mission-oriented, university-wide center through the development of relationships with internal and external stakeholders to support the mission of the organization through funding opportunities and partnerships

Characteristics

- An open and direct communication style and a collegial presence that encourages consensus and alignment across faculty and department leaders from Loyola University Chicago, Loyola University Health System, Stritch School of Medicine, Marcella Niehoff School of Nursing and Trinity Health
- Politically astute and charismatic leader with the ability to work within all levels of a complex university, health system and academic research center
- High emotional intelligence to understand the needs and concerns of colleagues and contemporaries across Loyola University Chicago and its campuses
- An ability to take a larger institutional view, in order to work collaboratively with other departments and centers that are integral to CHOIR’s success

Education

- An M.D., Ph.D., or equivalent terminal degree
- Advanced degree or training in health informatics preferred, but not required

Opportunities and Expectations for Leadership

Outlined below are some of the major areas that will require clear leadership, vision and action by the inaugural director in the first 12-18 months:

- Lead and guide a multidisciplinary team of physicians, nurses, biostatisticians, social workers, epidemiologists, data analysts, and grant developers in collaborative research
programs focusing on health outcomes, population health, quality improvement, informatics and health disparities

- Provide leadership to ensure that CHOIR activities further its mission and vision as outlined by Loyola University Chicago and its partners
- Collaborate extensively with both external constituents and internal stakeholders in efforts to shape and lead CHOIR and conduct innovative research that translates into improved healthcare practice or policy
- Identify and begin fostering relationships with high aptitude clinical researchers to quickly begin building the portfolio of outcomes research in the organization
- Begin the process of looking at new ways to draw out additional information from the clinical research database through natural language processing and other means that can then be used to improve hospital and health system operations
- Develop effective governance and processes around quickly operationalizing efficiencies for Loyola University Health System and Trinity Health
Procedure for Candidacy

Please direct all nominations and applications including a letter of interest and curriculum vitae to:

Hillary Ross
Witt/Kieffer
2015 Spring Road, Suite 510
Oak Brook, IL 60523
Phone: 630/575-6116
Fax: 630/990-1382
Email: hross@wittkieffer.com

Zach Durst
Witt/Kieffer
2015 Spring Road, Suite 510
Oak Brook, IL 60523
Phone: 630/575-6956
Fax: 630/990-1382
Email: zdurst@wittkieffer.com

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The material presented in this position specification should be relied on for informational purposes only. This material has been copied, compiled, or quoted in part from Loyola University, Loyola University Health System and Trinity Health documents and personal interviews and is believed to be reliable. While every effort has been made to ensure the accuracy of this information, the original source documents and factual situations govern.

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