Rethinking the Governance of Public University Teaching Hospitals

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ost public universities with medical schools own their primary teaching hospitals, which typically are multi-faceted academic medical centers (AMCs) that provide a wide range of complex specialty patient care services, conduct substantial amounts of basic and clinical research, and serve as the principal training sites for graduate and undergraduate medical education, as well as for nursing and other medical specialties. The governance and legal structure of public university AMCs take many different forms across the country. For over 50 years, public universities that own or operate AMCs have engaged in a quest for the "optimal" governance structure. That quest has never been more important than it is today, when public universities are confronted with major challenges to their future success and viability. As a result, many public universities have recently been revisiting past governance reforms and rethinking their governance structure.

A substantial majority of public universities with medical schools built or acquired teaching hospitals over the course of their existence, in support of what has come to be known as the classic "tripartite mission" of research, education, and patient care. As early as the 1970s, many public universities sought to identify the most effective structure for governing their hospitals, which often led to restructuring and even divesting their AMCs.

This article explores the origins of the restructuring trend, offers examples of the governance structures adopted and new strategies being pursued, and provides lessons learned from these recent efforts to revisit and further reform the governance and legal structure of public university hospitals and health systems.

Origins of the Restructuring Trend

Starting in the mid-20th century, public universities initially began to distance themselves from their hospitals by pursuing a strategy of restructuring or privatization of the governance and legal structure of their hospitals.¹ From

the outset, there were several underlying forces behind this trend. The enactment of Medicare and Medicaid had greatly expanded the resources available to fund patient care for the poor and the elderly, but medical schools feared that reimbursement under these government programs would be inadequate to support the full cost of AMCs.

The introduction of Medicare GME payments in the late 1970s and the creation of other supplemental payment programs like Medicare and Medicaid disproportionate share hospital (DSH) payments in the 1980s partially eased these concerns but did not fully eliminate them. As subsequent legislative battles have clearly shown, what the government giveth the government can taketh away, and universities were concerned about insulating themselves from potential future losses in their expensive teaching hospitals. This may seem quaint today, when so many AMCs are doing well financially, but the concern at the time was very real.

Restructuring also had the potential benefit of relieving public university teaching hospitals of many of the bureaucratic pressures that fed those fears of future losses. State and public university civil service requirements were often inflexible and hampered the ability of AMCs to recruit and retain high-achieving faculty physicians and administrators. Procurement constraints that were perhaps suitable for a university's English department proved to be burdensome and slow for AMCs. The ability of some public AMCs to raise capital to improve or replace major teaching hospital facilities or acquire state-of-the-art equipment was hampered by the limited ability or willingness of states or public universities to incur the necessary debt. At the same time, public university AMCs were faced with most of the same challenges that confronted private

Key Board Takeaways

Board members of public university AMCs should:

- Recognize that perhaps the most difficult leadership challenge involves changing organizational behavior and culture. Leaders are usually adept at recognizing external threats, but not so facile in changing the needed behaviors to meet these threats. To do so requires transformational leadership and a deep introspective analysis of each institution's ethos, strengths, weaknesses, and, importantly, what unique contributions each institution can make to improve health and well-being.
- Constantly educate themselves about the rapid changes in clinical care delivery and finance so that their governance structure can optimize the ability of the AMC to operate nimbly in a highly competitive market, while ensuring alignment of education and research activities with the clinical care enterprise.
- Focus on the importance of system-wide integration and coordination of the major components of their AMCs—including hospitals, clinics, faculty practice plans, and medical schools.
- Pay careful attention to the flow of funds between and among the various components of the AMC clinical enterprise. The cross-subsidization model, whereby research and education are supported by clinical income, is under substantial pressure in today's healthcare industry.
- Appreciate that hospitals cannot be considered in isolation; the governance structure must facilitate coordination of all components of the clinical enterprise (inpatient hospitals, outpatient clinics, and faculty practice plans). Importantly, the most effective governance structure is one that advances the "virtuous cycle" of academic medicine, which recognizes that high-quality clinical systems attract the best faculty, staff, and students, which in turn strengthens the education and research programs, further enhancing clinical care delivery.

universities, which often had more flexibility to address them.

Efforts to reform the governance and legal structure of public AMCs picked up steam in the 1980s, with a significant

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¹ Larry Gage, "Why Do Public Teaching Hospitals Privatize?", Book chapter from The Privatization of Health Care Reform: Legal and Regulatory Perspectives, Oxford University Press, 2003.

Trends Affecting AMCs

Recent efforts by public universities to rethink the governance and legal structure of their AMCs have been undertaken in response to a range of trends and challenges that are currently facing all AMCs, whether public or private:

- Despite efforts to "repeal and replace," health reform has dramatically changed the healthcare landscape.
- Many elements of health reform that require system integration and governance reforms have already been implemented and most of them cannot be undone, since they have been adopted by Medicare, many state Medicaid programs, and private insurers/employers.
- The overall trend is toward closer alignment through standardization of management and governance within large, integrated systems.
- Increased benefits flow to those clinically integrated networks that engage in system-wide collaboration to reduce costs, redesign patient care, and improve quality and patient experience.
- Changing career goals of students/residents require new models of multi-disciplinary education.
- In addition to the need for new information systems, there has been a revolution in communication technology for physicians, medical schools, hospitals, and (perhaps most profoundly) patients.
- Substantial variation in practice patterns and costs across the U.S. health system
 will provide opportunities to those who can get ahead of the curve in identifying
 and implementing best practices.
- Narrow networks created by payers have increasingly sought to exclude highprice AMC providers from their networks.
- Additional trends likely to affect the AMC include potential future reductions in important Medicare and Medicaid supplemental payments, the demand for greater transparency over quality metrics, accountability for population health, the shift from fee-for-service to value-based payment methodologies, and the deinstitutionalization of hospital care.
- Many services previously provided to patients on an inpatient basis will be
 outpatient services in the future (or have already become outpatient services),
 such as chemotherapy, knee/hip replacements, spinal fusion, cardiac catheterization, and appendectomies.
- The current AMC model relies on funding streams likely to diminish in the future as a result of these trends, putting sustainability in question without reforms.

number of public universities (as well as other public teaching hospitals owned and operated by cities, counties, and other governmental agencies) converting their teaching hospitals to other governance structures. As Exhibit 1 on the next page indicates, "privatization" or restructuring took many different forms. Some public universities were content with creating advisory boards within the university structure, while others transformed their teaching hospitals into semiautonomous governmental entities such as authorities, created new freestanding non-profit corporations, or sold to or merged with existing non-profit systems. On occasion, some state universities even transferred their teaching hospitals to for-profit companies.

Examples of the various governance structures adopted by public university AMCs in the 1980s are summarized below.

Governance Structures Adopted by Public University AMCs

Advisory or Operational Board within the University

While most AMCs convene a range of committees, the creation of a simple advisory board with limited operational powers and duties has rarely been thought of as "reform" by university-based AMCs. Nevertheless, some universities do maintain such boards.

The University of Michigan Regents, for example, delegate certain powers to a Hospitals and Health Centers Executive Board, while making clear on the board's Web site that "the Regents are ultimately responsible for establishing the mission, goals, and objectives of the hospitals and health centers, and for the quality of medical services provided at UMHHC." The Michigan board, which is composed almost entirely of university personnel, meets monthly.

Recent changes to other advisory boards, such as at the University of California and the University of Washington, are discussed later.

Authorities

A number of state university AMCs have restructured as quasi-independent authorities. In some cases, as with the University of Colorado, legislation was enacted to create an authority only after the University was unable to implement a private non-profit model due to litigation and public controversy. The University of Colorado used its semi-autonomous authority structure to build an entire new campus on the grounds of a former military base, as well as to support more recent governance reforms.

State universities transferring hospital governance to authorities or other quasi-governmental structures included the Medical College of Virginia, Kansas University, and the University of Wisconsin. The authority structure was attractive because it was, in effect, a "designer" option. While the authority structure enables a university to create a dedicated governing board of independent members with a needed range of skills and experience, the university's regents or trustees (and/or the state governor) could retain control over board appointments. Authorities are typically created under dedicated state laws that can specifically grant powers to their governing boards, such as the ability to create their own personnel and procurement policies and systems, buy and sell property, incur debt, and enter into partnerships or ventures with private entities.

Newly Created Non-Profit Corporations

Hospital authorities do not necessarily address all the governance concerns that have led public universities to reconsider their legal structure and governance. They are still government entities subject to potential bureaucratic constraints. For these reasons, a substantial number of public universities went beyond this step, creating new freestanding non-profit corporations. The Universities of Maryland, West Virginia, Florida, Arizona, Nebraska, Vermont, and the Medical College of Georgia all took this additional step.

In some cases, universities similarly privatized their faculty practice plans,

Exhibit 1: Examples of Public University AMC Governance

No Separate Board

- SUNY System
- UT Medical Branch
- UT Southwestern
- MD Anderson
- U Kentucky
- U Virginia
- U Illinois Chicago

Advisory Board*

- U California
- U Washington
- U Michigan

Hybrid Board with Some Delegated Powers

- U New Mexico
- U Vermont
- Georgia Regents U
- U Florida Gainesville
- VCU
- MUSC
- Ohio State
- Kansas University Kansas City

Newly Created Non-Profit Fiduciary Board**

- U Maryland
- U Wisconsin
- U Alabama-Birmingham
- U Nebraska
- UT Tyler
- Texas Tech
- UPMG
- U West Virginia
- U Florida Jacksonville

Merger with Existing System with Fiduciary Board***

- U Colorado
- U Minnesota
- U Arizona
- New Jersey (Rutgers; UMDNJ)
- UT Tyler
- UMass Memorial
- Kansas University Topeka

Source: Table compiled by Larry Gage, Alston & Bird LLP.

creating new non-profit (and occasionally for-profit) corporations to provide clinical care to patients. Initial boards of these new corporations were appointed by the universities and, in some cases, the universities retained control over future appointments and reappointments. (Other boards became more self-perpetuating after the initial board was selected.) Linkages were maintained with such newly created corporate entities through contracts and agreements that set out requirements for teaching, research, and funds flow. These agreements also called for financial support for the medical school, which can take several forms-lease payments, academic support payments, "Dean's taxes," etc.

The University of West Virginia created a non-profit corporation in order to build a new major teaching hospital for its medical school, and the Medical College of Georgia spun off its hospitals and clinics into a non-profit system in order to insulate the college from potential financial risk in a state with a weak Medicaid program.

The University of Maryland's nonprofit corporation (UMMS) was created in 1984 by the state of Maryland to assume responsibility for the University of Maryland's hospitals and clinics.²

While UMMS is technically a non-profit corporation, the system includes substantial public assets and programs, including the state-owned hospitals and clinics of the University of Maryland and a hospital system formerly owned and operated by Prince George's County, Maryland. The system has subsequently acquired several smaller hospitals around the state and has also assumed responsibility for the three-hospital system owned by Prince George's County. In 2019, due to the discovery of major conflicts of interest among board members of the University's non-profit corporation, the Legislature formally disbanded the existing board, replacing it with a new board that will be seated in 2020.3

The University of Florida created the non-profit Shands system in the early 1980s and subsequently acquired non-profit teaching hospitals in Jacksonville and several other smaller communities in the northern part of the state. (While Shands Gainesville still exists as a non-profit system, in recent years it has seen its autonomy eroded; it has severed its ties with its Jacksonville affiliate and entered into joint ventures with a hospital company to operate some of its smaller facilities.)

Merger with Existing Non-Profit or For-Profit Corporations

Another group of public universities went even further in privatizing their hospitals, by selling them to (or merging them with) pre-existing private non-profit or for-profit corporations. Early examples included the University of Massachusetts (UMass Memorial Heath), the University of Cincinnati, Indiana University, the University of Minnesota, and the University of Oklahoma.

The University of Massachusetts has merged successfully with a non-profit system to create UMass Memorial Health Care in central Massachusetts, and the University of Minnesota sold its university hospital to the non-profit Fairview Health Services (now known as M Health Fairview).

This model is by no means limited to state university AMCs. Private universities like Georgetown, George Washington University, St. Louis University, Tulane, and Creighton have all sold or otherwise transferred their hospitals to other nonprofit or for-profit systems. Conversely, some of the most prominent non-profit AMCs have expanded their networks by acquiring or affiliating with other hospitals across their region and in some cases around the country. They include Partners HealthCare, Johns Hopkins Health

^{*} The UC Board of Regents reconstituted its existing health services committee by adding four independent, non-voting health industry experts to serve in an advisory capacity; the committee retains a number of delegated powers and duties with respect to the UC Health system. UW Medicine recently disbanded a quasi-fiduciary board and replaced it with a purely advisory board.

^{**}Independent freestanding authority, taxing district or non-profit corporation.

^{***}Public university AMC owned/operated by private non-profit or for-profit system.

² Larry Gage, "Bad Governance: How to Fix It (or Better Still, How to Avoid It)," Public Focus, The Governance Institute, June 2019.

³ Ibid.

System, and Mayo Clinic, among others. hbm nnnn

Recent Trends: The Quest Goes On

In sum, over a half-century of public teaching hospital restructuring initiatives has led to a wide range of governance structures across the country for such hospitals. In the last several years, however, many universities have begun to question their previous steps, pursuing new strategies. These strategies are intended to promote better integration and alignment of all the key components of what Steven Wartman, M.D., Ph.D., the immediate Past President of the Association of Academic Health Centers, and others have called the "virtuous cycle" that underlies the AMC's tripartite mission (see Exhibit 2).4 Recent trends in further restructuring AMC governance have stemmed in part from a broader recognition that each of the components of this virtuous cycle must work together in an integrated fashion in order for all of the elements of the tripartite AMC mission of education, research, and clinical care to succeed.

The State University of New York (SUNY) operates four medical schools and three AMC campuses, with no

separate governing body apart from the SUNY Board of Trustees. SUNY convened a Task Force on Hospital Governance in 2019 to recommend potential governance reforms for the university's AMCs. SUNY had previously convened no fewer than four different commissions or task forces to consider governance concerns, dating back to the mid-1980s. (The current task force report is expected to be received by the SUNY Board of Trustees in the first quarter of 2020.)

Wartman, who is a member of the 2019 SUNY task force, has written that "the traditional tripartite missions of education, research, and patient care can no longer be seen as ends in themselves. Rather, they should be a means to fulfill the mission of improved health and well-being of their communities as efficiently as possible...Recalibration of teaching, research, and patient care requires realignment—it will be a test of leadership because there are barriers at every level, including leadership, faculty, staff, governance, economics, and politics." ⁵

Other public universities that continue to operate their teaching hospitals directly without fiduciary or even advisory boards, have taken to heart the desirability of at least some oversight

Asking the Right Questions

The 2019 SUNY Hospital Governance Task Force asked itself "What questions should we be asking?" They answered this as follows:

- What governance model best preserves the important contributions of the clinical enterprise (hospitals, faculty, and other elements) to support the tripartite mission of SUNY?
 - » Financially?
 - » Academically? (ability to recruit faculty, students, residents, fellows, etc.)
 - » Research?
- What model best supports SUNY AMCs in achieving competitive dominance?
- What governance model gives each SUNY AMC the tools and support needed to succeed in its own market?
 - » Together, as a statewide system?
 - » To develop national/international centers of excellence?
- What model best incentivizes SUNY AMCs to achieve "best in class" operational and financial efficiencies?
 - » Address current civil service and HR constraints?
 - » Procurement constraints?
 - » Ability to partner effectively with non-governmental entities?
 - » Timely decision-making process?
- What model best supports the integration and alignment of hospitals, physicians, and other providers and SUNY medical (and other) schools that is the requisite standard for high-performing AMCs today?

and guidance from independent board members. Following a study by the Rand Corporation, the University of California health system (UC Health, which is composed of six medical schools and five hospital AMC campuses) developed an expanded health services committee under the Board of Regents that includes several prominent independent healthcare industry experts.

The new, expanded health services committee was delegated a number of specific powers and duties, in

Exhibit 2: Virtuous Cycle

Investment of clinical practice income into Academic Enterprise

Increased patient referrals, clinical faculty quality, and overall success Increased research productivity, technology transfer, leverage to external support

Improved stature and visibility for clinical and research enterprises

Source: A.S. Levine et al., "The Relationship between the University of Pittsburgh School of Medicine and the University of Pittsburgh Medical Center—A Profile in Synergy," Academic Medicine, September 2008.

- 4 Steven A. Wartman, "Toward a Virtuous Cycle: The Changing Face of Academic Health Centers," Academic Medicine, September 2008.
- 5 Steven A. Wartman, "Academic Health Centers, The Compelling Need for Recalibration," Academic Medicine, December 2010.
- 6 Ramya Chari et al., "Governing Academic Medical Center Systems: Evaluating and Choosing Among Alternative Governance Approaches," Academic Medicine, February 2018.

order to permit it to address a range of identified concerns:⁷

- The system is facing a highly competitive industry characterized by declining reimbursements, rapid consolidation, unpredictable policy environment, and growing patient/payer expectations.
- The new environment requires creative solutions, scale, system integration, agility, and rapid strategic growth.
- The current administrative and operational structure hampers and often prevents the development of these system changes required by the new environment.
- Many of the current systems and procedures with which the health system copes were designed for a policy and market era that no longer exists.
- The length of time from idea to plan to program is far too long.
- The deliberate speed at which the system can hire staff at marketlevel compensation, as well as its ability to prudently contract and execute initiatives, is being diminished at a time when its competitor systems face no comparable limitations.
- Systems around it are growing larger, more competitive, and aggressive in the pursuit of its people, patients, and ideas.
- The proliferation of mergers and alliances makes it clear that system size, solid financial performance, and increasing emphasis on quality and accountability will be the key variables for continued success.

Rand Corporation researchers identified seven criteria for evaluating UC Health's governance structures:

- Timeliness and efficiency of decision making
- Ability to provide strategic guidance
- Ability to take advantage of systemlevel efficiencies
- Ability to maintain alignment across the triple mission
- Responsiveness to local (market or community) conditions
- Expertise (among board members)
- Feasibility (or the costs and perceived risks of transitioning to a new governance system)

However, other observers have pointed out that "many of these criteria will have different meanings depending on whether they are applied to the specific governance of an individual AMC or to the overall governance of a system of AMCs...As in many other endeavors, it depends on the people and culture of the institutions."

cademic medical centers must embrace profound, meaningful changes to time-honored, treasured, and now increasingly ineffective and unaffordable ways of carrying out our missions."

—Mark Laret, CEO, UCSF Medical Center and UCSF Benioff Children's Hospital, University of California Center for Health Quality and Innovation's 2013 Spring Colloquium

Rethinking Earlier Governance Reforms: A "New Wave" of Restructuring

Similar efforts to rethink AMC governance at other public universities have led to a new wave of governance reforms. As at SUNY and UC Health, those universities without a separate governance structure have sought to create new options, while other universities have sought to reintegrate the components of their AMCs and otherwise reassert control of both the hospital and practice plan.

This apparent reversal of prior privatization trends is due in part to the success of many public university AMCs. For one thing, well-managed public university teaching hospitals (like many of their private sector AMC counterparts) have turned out to be very profitable entities—often serving as the tertiary or quaternary anchor of entire regions. These AMCs have developed outstanding reputations, often topping the rankings published by various publications and quality-rating organizations.

Most public university AMCs have also increasingly been viewed as capable of producing revenues, not losses—badly needed support for public universities that still charge relatively low tuition and in some states are increasingly starved for resources by

state legislatures. Moreover, where public universities that had privatized their teaching hospitals had also spun off their faculty physicians into private corporations, the resulting lack of coordination was leading to a fairly chaotic situation when it came to integration and coordination. This has proved to be particularly problematic at a time when payers and patients have begun demanding more coordinated approaches to care and greater accountability for outcomes, not just paying fees for a volume of services.

As a result, several public universities that previously engaged in restructuring their systems under one or another of the models outlined above have recently further modified their previous structure. In most cases, the goal was to better align the activities and incentives of the university's teaching hospital and faculty practice plan, to enable the university to better coordinate patient care, education, and research, to respond to the growing emphasis on care coordination, improved quality, and value-based purchasing. Some universities have identified as problematic the separate agendas and initiatives of multiple boards composed of different individual members in addressing what were often similar issues and strategies from different perspectives (and occasionally with conflicting goals and outcomes).

The state universities of Colorado, Alabama-Birmingham, Nebraska, Florida, Georgia, Ohio State, and Maryland, among others, have all revised their previously restructured health system boards to impose greater university control over all three legs of the tripartite mission. Snapshots of several of these recent efforts to rethink state university hospital AMC governance are summarized below.

University of Colorado

As noted above, the University of Colorado no longer owns and operates its teaching hospital. University Hospital was restructured in the 1990s as a freestanding hospital authority. The authority has since created a joint operating agreement, known as UC Health, to enable it to operate University Hospital along with a non-profit system in Fort Collins and a city-owned system in Colorado Springs to form

⁷ Report of Dr. John Stobo to UC Regents Health Services Committee, unpublished.

⁸ David S. Guzick and Donald E. Wilson, "Governing of Academic Medical Centers Is Indeed a Complex and Unique Operation," Academic Medicine, February 2018.

a multi-hospital system that covers most of the state population east of the Rocky Mountains. The University's Vice President for Health Affairs serves as the board chair of the University Hospital and a UC Health board member. CU Medicine is the business arm that represents the faculty in the university practice plan, although the faculty remain employees of the University and its College of Medicine to remain eligible for sovereign immunity for malpractice as state employees. These faculty staff the University Hospital and Children's Hospital of Colorado, which serve as the tertiary referral centers for the entire system. CU Medicine implemented a novel risk-based health plan for all 40,000 University

employees. UC Health is focusing on initiatives to develop team-based care and the improvement of ambulatory care quality and primary care/referring provider networks to take advantage of their state-wide footprint.

University of Arizona

In 1984, the University of Arizona created non-profit corporations for its major teaching hospital, University Medical Center, and its faculty practice plan, University Physician Healthcare. In 2011, the two corporations were brought back together under a single non-profit parent, the University of Arizona Health Network, while retaining their separate legal status for certain purposes. Following this merger, in 2014, the University of Arizona entered into an agreement to merge the UA Health Network into a private, non-profit hospital system, Banner Health, based in Phoenix.

The expressed goal of the merger with Banner was to create a nationally leading health system that provides better care and improved patient and member experiences; expand University of Arizona Medical Center capabilities for complex academic/clinical programs such as transplantations, neurosciences, genomics-driven precision health, geriatrics, and pediatrics while providing for investment

opportunities in other areas; and bolster fiscal sustainability, eliminating persistent shortfalls and low operating margins currently experienced by the University of Arizona Health Network. The merger resulted in the elimination of \$146 million in debt for the University and included a commitment from Banner to spend "\$500 million within five years to expand and renovate the medical center, and build new facilities..." among other goals.⁹

University of Alabama-Birmingham Medicine

UAB Medicine is the non-profit corporation that includes UAB Hospital, which has 1,157 beds. In 2012, the UAB

Health System (Health Services Foundation, or practice plan,

the UAB School of Medicine, and UAB Hospital) was reorganized under UAB Medicine, an umbrella organization responsible for "realignment." The expressed goal of realignment was a "sharper focus on a single, distinct mission for the

entire organization; governance that reflects the full scope of efforts across research, education, and clinical care; strengthening of trust through transparency and accountability; increasing physician leadership throughout every aspect of UAB Medicine...and greater opportunity to improve financial stability for growth." ¹¹

A Joint Operating Leadership (JOL) body was formed with the creation of UAB Medicine. It is comprised of the Dean of the School of Medicine (SOM), the President of the Health Services Foundation, and the CEO of UAB Health System. In addition, three SOM Department Chairs serve on the JOL (currently surgery, medicine, and radiology). The JOL meets weekly and forms the administrative leadership of UAB Medicine; it is responsible for ensuring resources are allocated to all three missions (clinical, research, and education). The JOL is not a legal entity but a cooperative decisionmaking body.

A key goal of the restructuring was transparency and accountability. This commitment enabled UAB Medicine to implement a new funds flow process in 2014 in which all collections from the faculty practice plan and the hospital and clinics are combined. This model was based on (and implemented in concert with) a similar model developed at Stanford University.

A funds flow oversight committee was created to ensure accountability. Members include the JOL leadership, five clinical chairs (surgery and medicine ex-officio and three elected by the Health Services Foundation executive committee), two non-voting senior faculty members, certain senior officials of the Health Services Foundation and the health system, and the Senior Associate Dean for Administration/Finance of the SOM.

The revised governance structure and funds flow model are said to have addressed several problems:

- Previous misalignment of faculty and the hospital
- Weak accountability and sustainability
- The fact that some departments were in financial difficulty under the previous model, despite "mission support"
- Fragmented and confusing funds flow

Under the new system, there is a central funds flow account, all revenues are pooled, all clinical costs are centralized, infrastructure and clinical expense has been removed from departmental responsibility, a new academic enrichment fund/dean's tax has been created for the SOM, and departmental financial performance has improved.

Nebraska Medicine

Nebraska Medicine is a fully integrated non-profit system organized in 1997 following the merger of University of Nebraska Medical Center (UNMC) and a non-profit hospital. While Nebraska Medicine is a non-profit corporation with a separate board of directors, UNMC also continues to be directly governed by the Board of Regents, but with considerable delegated powers to Nebraska Medicine.

⁹ University of Arizona, "The University of Arizona Health Network and Banner Health Launch Effort to Create State-Wide Organization to Transform, Advance Health Care in Arizona" (Press Release), June 26, 2014.

¹⁰ Kirby I. Bland, M.D., "University of Alabama Birmingham Funds Flow Model," Presentation to the Society of Surgical Chairs, American College of Surgeons, October 4, 2015.

¹⁰ King,

The system was expanded in 2016 to include clinics, the NU faculty practice plan, and other components.

University of Washington Medicine

Prior to 2018, UW Medicine's board of directors consisted largely of prominent members of the community and, while not independent of the University, enjoyed substantial delegated authority from the Regents, University President, and Executive Vice President for Health Affairs.

In July 2018, following a loss by UW's four-hospital system of over \$75 million in 2017, the Board of Regents dissolved the former UW Medicine Board, effective September 1, 2018, and created the UW Medicine Advisory Board (UWMAB) to advise the Board of Regents on all aspects of UW Medicine.

The UWMAB is now composed of no more than 10 members, including two members of the Board of Regents, with the University President and CEO, UW Medicine, serving as additional *ex-officio* members. Some members of the previous board continue to serve on the new advisory board, which no longer has any delegated powers.

University of Oklahoma

The University of Oklahoma first transferred its teaching hospital to the investor-owned HCA Health Services in 1998. HCA, an investor-owned corporation in Nashville, Tennessee, had managed the hospitals under a joint operating agreement with the University Hospitals Authority and Trust (UHAT), which had been created by the University for this purpose. In 2017, UHAT and the University of Oklahoma created an Oklahoma-based non-profit corporation, OU Medicine, Inc., to acquire HCA's local interests, and the new corporation (with a community-based board) assumed responsibility for the hospital in early 2018.

University of Texas/Tyler and Kansas University

Also in the last two to three years, these two public university AMCs have pushed the governance envelope in the other direction, developing public-private partnerships to include shared governance and ownership between public universities, private non-profit entities, and

a private equity-funded hospital management company with a unique business model. Both universities have recently entered into partnerships with an investor-owned hospital company called Ardent Health and regional non-profit systems to create hybrid entities with governance and ownership structures that include active participation by the universities.

The Kansas University Hospital in Kansas City was restructured in 1998 when its ownership was transferred from the University to a separate authority no longer managed by the School of Medicine. This separate structure enabled it to enter into the partnership with Ardent. In 2017, Ardent partnered with Kansas University to acquire St. Francis Health, a non-profit hospital in Topeka, Kansas that was renamed The University of Kansas Health System St. Francis Campus.

In 2018, UT Tyler partnered with Ardent and a regional non-profit system called East Texas Medical Center to form the 10-hospital UT Health East Texas.¹²

Conclusion

In conclusion, a number of lessons can be learned from these recent efforts to revisit and further reform the governance and legal structure of public university hospitals and health systems:

- Successful AMCs are typically organized as highly integrated and multifaceted health systems, with effective business management, a shared commitment to common goals, and meticulous attention to the academic, competitive, and regulatory demands of today's health system.
- Success does not necessarily correlate with a particular legal structure or governance model. The most effective systems studied have succeeded in a range of legal structures in aligning business, clinical, and academic performance to meet the diverse, and sometimes conflicting, needs of the modern academic health center.
- Regents (or trustees) are still in charge of public universities, even where there has been some separation of direct system governance. However, most successful public university systems have created

Common Themes and Leadership Principles for AMCs

- The academic health system of the future will be system-based.
- Academic health systems require strong and aligned governance.
- University relationships will be challenged to evolve as academic health systems grow and develop.
- Competitive viability and long-term mission sustainability will require radically restructuring the operating model for cost and quality performance.
- Academic health systems must "evolve rapidly or risk becoming high-priced, anachronistic institutions in a landscape of highly organized health systems."

Source: Advancing the Academic Health System for the Future: A Report from the AAMC Advisory Panel on Health Care, AAMC, 2014.

- boards to directly govern their health systems and have delegated considerable authority to those boards.
- Physician leadership is essential. But effective governance combines strong physician leadership with effective and often non-physician independent board members and AMC management.
- The components of high-performing systems are fully aligned and integrated (hospitals and physicians), through common or shared governance, through common ownership, or strong (and longstanding) affiliations, even across multiple hospitals and broad geographic areas.
- Governance should be specifically tasked with policy approval and oversight of quality, patient experience, and the constant improvement of care coordination.
- It is beneficial for both governance and management practices to be consistent and based on commonly shared and understood principles.

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12 More information is available on the Ardent Health Web site at https://ardenthealth.com/about/our-history.