

Establishing Reputational Equity for the Nursing Profession

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The nursing profession in the United States was experiencing a labor shortage and facing diversity and inclusion challenges prior to the Covid-19 pandemic [1-5]. Magnifying these problems, the nation's population was shifting--geographically and demographically [6,7]. This resulted in changes in both *where* nurses are needed in the health care system and the *nursing skill set* required to address health care needs of a far more diverse clientele of patients—in terms of race, ethnicity, sex, gender identity, age, living arrangements, socio-economic status, and spoken language [1].

The COVID-19 pandemic has complicated matters by exacerbating the nursing shortage and further highlighting diversity challenges within the nursing profession and the U.S. health care system more generally [8,9]. These problems are rooted in two critical facets of the current crisis.

The first critical facet is the way in which the COVID-19 pandemic has evolved over time [10,11]. Initially, the major coronavirus hot spots were concentrated in New York City and other major urban centers. Then, the hot spots shifted to the Sunbelt. Most recently, the virus has spread rapidly in sparsely populated states in the upper Midwest and Mountain regions as well as diverse states like California— causing in each instance major shifts in demand for nurses and other health care workers.

Further complicating matters, in response to these successive waves of spread, some residents—dubbed coronavirus pandemic refugees--have fled coronavirus hot spots, often relocating to smaller, less densely or more sparsely settled communities in the suburbs, exurbs, and small towns, areas perceived to be safer because practicing social distancing is easier [12]. A significant share of the pandemic refugees appears to be wealthy individuals voting with their feet to protect themselves and their loved ones from the spread of the deadly virus.

However, the shift to remote work, implemented in some industries to reduce possible exposure to the deadly

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virus, created the impetus for some middle- and moderateincome homeowners and renters—mainly millennials and families with young children—also to flee coronavirus hot spots, especially high cost of living urban centers like New York, Seattle, San Francisco, and Los Angeles. This has led in some instances to the emergence of so-called Zoom towns in amenity rich, exurban and rural areas (especially in the western U.S.) where the health care systems and other public services may not be adequate to accommodate the influx of newcomers [13,14].

The second critical facet is the disparate impacts of the COVID-19 pandemic on older adults and people of color individuals who are especially vulnerable because their immune systems and overall wellbeing have been severely comprised by the social determinants of health [15,16]. Effective care of these individuals requires nurses and other health care staff with specific language fluencies, cultural competencies, and specialty care skills that are often in limited supply, especially in rural communities and economically distressed urban areas affected by the pandemic.

Health-care systems across the U.S. have employed multiple strategies to address their COVID-19 pandemicinduced nursing shortages and other staffing needs [8,9]. Action steps include extending shift hours of existing nurses, recruiting retired and travel nurses, and drawing on military medical and federal agency reinforcements. Yet, the personnel challenges remain as successive waves of the deadly virus decimate the existing nursing workforce.

Nurses on the frontlines of Covid-19 pandemic are intensely committed to their profession and highly motivated to serve in the current crisis. However, forces beyond their control are driving staff turnover. They include [9]:

- Mental health challenges and burnout due daily exposure to coronavirus-related trauma and loss of life;
- Personal exposure to the virus requiring quarantine or hospitalization leading--in some instances--to death; and
- Forced resignations to care for exposed family members or children requiring home schooling or home childcare

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due to the Covid-19 pandemic.

These problems are especially acute for health-care systems in rural communities. Such systems typically do not have the resources to recruit travel nurses and, even if they did, may not be attractive work destinations for nurses in this sector of the profession [8]. Moreover, for the existing nursing workforce, these communities usually lack networks of caregiving institutional supports that are typically more readily available in wealthier urban and suburban communities.

Elsewhere, we have highlighted nine specific steps the nursing profession must take to address the nursing shortage generally [1]. Here we focus on two recommended actions as specific responses to staffing and diversity challenges that the Covid-19 pandemic has presented.

Organizational leaders and stakeholders in the nursing profession ecosystem must first develop a keen understanding and appreciation of how disruptive demographics are transforming and will continue to transform the nation's workforce in the years ahead [6,7]. Immigrants and native born people of color are changing the complexion of the U.S. workforce--popularly referred to as the "browning" of America—at the same time that a large segment of the U.S. native born, predominantly white population is aging out of the workforce—popularly referred to as the "greying" of America [6,7]. Concerns about the browning and greying of America are polarizing issues in our nation's current political and policy discourse [17]. Political land mines notwithstanding [18], key stakeholders in the nursing profession must recognize and embrace, as a core business strategy, the pivotal role that people of color will play in the profession's workforce of the future [1,7].

Second, to compete successfully, especially given shifting workforce dynamics, organizational leaders will have to demonstrate commitment to dismantling systemic racism in the nursing profession ecosystem [2,15]. At the same time, they must embrace the core principles of Diversity, Equity, Inclusion and Belonging (DEIB) in talent recruitment, development, retention, and promotion, creating in the process what Johnson and Bonds [19] refer to as reputational equity for the nursing profession.

Specifically, to create reputational equity, the nursing leadership must undertake a comprehensive DEIB audit of the entire nursing profession ecosystem. That is, they must critically review and evaluate policies, procedures, and practices that govern the day-to-day operations of professional schools that train and produce the nursing workforce. The same must be done for the various components the U.S. health-care system that relies on the talent the nursing education, training, and certifying systems produce.

Intervention Domain	Strategies, Policies, Tactics, Procedures & Practices
Leader behaviors & commitments	• Housing allowances in scholarship and fellowship packages to support diverse nursing student recruitment & retention
	• Invest in affordable housing to recruit & retain nurses in hospitals & other health care settings
Talent recruitment, development & retentions	• Advocate for immigration reforms supporting temporary visas for foreign born nurses and place-based visas to help rural health systems recruit nurses from abroad
	• Decrease the number of nursing students denied admissions to nursing programs by advocating and incentivizing actions to make teaching nursing an attractive career option
	• Concentrate efforts to recruit male nurses
Workplace culture & climate	• Address stereotyping, bias, & discriminatory treatment of males in nursing education programs & work settings
	Close the pay gap between nurse educators and nurses in practice
	• Establish and support caregiving networks
	• Encourage DEIB courageous conversations
Community engagement & support	• Support mental wellness, food security, and residential stability for nursing workforce
	• Establish nursing career pipeline program in schools with large historically marginalized student populations

Table 1: Reputational Equity Checklist.

Source: authors based on Johnson and Bonds (2020a) [19].

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This ecosystem-wide diagnostic assessment, as we have shown elsewhere [1], will identify regulatory, administrative, and financial constraints and barriers that undergird the nursing shortage and inequities in nursing education, training, and certification, as well as working conditions in health care settings. Key stakeholders in the nursing profession should use the checklist of the evidenced-based strategies, policies, tactics, and procedures for developing reputational equity as a guide to fix problems uncovered in the DEIB organizational audit (Table 1) [19].

As the table below shows (left panel), the checklist includes four intervention domains. Based on research on corporate reputational equity, we have populated the table (right panel) with examples of specific implementable strategies, policies, tactics, procedures and practices that address the labor shortage and DIEB issues in the nursing profession.

We believe a fully executed DEIB audit using the reputational equity checklist will enable the nursing profession to "continuously recruit, train, employ, nurture, and retain a diverse workforce with demonstrated cultural competencies to care for an increasingly more diverse client base" [19]. At the same time, it will enhance the ability of health-care entities, nationally and internationally, to be better prepared to ensure a workforce that meets the needs of communities when confronted with the next major health crisis.

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