June 17, 2016

Subject: Enhancing Cultural and Cyber Features on University Campuses

Sources:
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Alumni Across the Network:

With the increase of immigrants coming into the United States, onsite campuses of universities most likely will need to expand or completely restructure . . . Many factors may need to be considered during the restructuring planning phase and prior to the implementation phase . . . To expand U.S. global higher educational systems, design scholars may consider. . .

Does the future location of campuses consider the distance of hotels whereby family members may wish to stay to visit their enrolled offspring. . . Are there onsite centers whereby foreign parents could visit to gain knowledge about the surrounding areas? Have the traditional layouts of the dorms/campus apartments become obsolete? Does the future structure of campuses consider the building of nearby smart tiny houses . . . or even an onsite transportation service port whereby American college interns can shuffle new foreign students?

The outdoors might further prompt us to recognize how *nature* fit into this vision. In addition to wildlife or humanities courses, should the structures of outdoor classrooms be considered for all courses? The U.S. military, however, continues to hold instructional training sessions outdoors of which some outdoor college structures seem to mimic. However, I am not aware of any outdoors or indoors digital learning tables/desks whereby the systems (similar to the touch-screen) are the actual platforms (unlike the flip IT embedded laptop or ergonomic computer desks) and have the capacity to connect to the campus library, upload learning games, and so forth . . . Imagine when students go to sign up for a course and have a choice to learn indoors or outdoors. . . In addition to implementing green technologies, can we imagine academic learning structures whereby the ceilings and walls open to receive nature. . . similar to the garage door or a sunroof concepts. Various sections of the landscaping of the universities may encompass U.S. approved plants imported from diverse foreign environments. A kio may stand in these areas to educate students on the history of these plants (e.g., similar to a technical stand-alone kiosk).

Internally, should some college classrooms comprise of beanbags or beanbag chairs instead of the traditional hard/wood desks and tables? In this era, attendances should be auto recorded. The inserting of the ID cards into any desk would auto log in enrolled students. A professor should

be able to upload an app from a central location to administer the curricula, assignments, and exams, which all will appear on the students' computerized touch screen desk. To gain knowledge about classmates, the external view of the back of the desk should feature the predesigned profile of the logged in student who occupies a particular desk. The *Intelligent Academic Stations*™, term coined by Dr. Brenda Nelson-Porter, are waiting to be designed and implemented.

Should electronic signs of diverse languages be installed throughout the campuses? Should signs include a button to press to display a certain language? Electronic signs may include reminder messages pertaining to Title IX and Clery II.

How might the campus food courts be reconstructed? Have the traditional buffet and mall-like seating layouts become obsolete? The lighting (vision) of the various cultural foods will play a critical role in stimulating students to "taste" new foods.

I often wonder why an Ophthalmologist does not practice on most campus sites . . . What are the odds foreign students have an eye doctor in the United States? Vision is one of the most important stimuli. A prescription eyewear display may be included in campus retail construction designs, as many students break and lose their eyewear.

Furthermore, do the traditional structures of college libraries motivate visitors? In this era, the reference distribution systems should be automated (e.g., look up a book in the computer systems, press "Check Out," and the book auto dispenses and auto logs the receiver, sort of like the vending machine concept).

Nelson-Porter's concept of restructuring libraries consists of building computerized walls, known as the "*Cyber Libraric Museum*™," which further aims to assist in priming visual stimuli. The depth of these walls will be 8-12 inches or more. The external frontal view of these walls will consist of electronic images of various references (books, monographs, CDs, videos, Alumni documentaries) whereby students can stand, view, and order or select the desired reference after inserting their campus ID card into a tracking system. The wall view may contain many mini-size images and a simple touch will enlarge the selected image. The references of choice will dispense through port outlets mapped to where the card is inserted. The computerized external view would update accordingly--the number of references in stock, if in stock, if there is a movie version of the reference, and so forth; the image of the references would change when new references are added and can be generated from a particular wall location. Computer systems (e.g., kiosks) can inform viewer whereby which wall stores the desired reference. The external rear view of these walls will consist of large doors whereby the staff opens to stock the references. To assist in priming auditory stimuli, segments of the references can be read to the viewers (i.e., using earbuds) before the final selection. During the checkout process, before the reference is dispensed, the receivers will have the option to print the return date and select a reference list formatted in a certain writing style (e.g., APA, MLA, Chicago, Turabian). . .

Here, Nelson-Porter's concept can expand throughout a campus where computerized walls near specific classrooms are stocked with the required books and supplies needed for a particular

course. . . Here, scholars can further create supply chain management and library courses to reflect the current upgrades.

Furthermore, with the wave of immigrants coming to America, we as scholars have a duty to understand the culture of our future students to ensure our academic systems encompass cultural practices that welcome various life styles . . . while improving our technical advancements. Peer and scholarly articles, thus, are warranted on the subject matters. . . . especially in open source platforms. . . The articles may present recommendations on new references that should be highly considered to be included in onsite libraries (i.e., compose reviews on books that discuss foreign cultures), how new reference return systems should be established, cost analysis of open space in college classrooms, and how outdoor classroom and food courts or libraries and food courts can occupy shared space without compromising knowledge acquisition.

Dr. Brenda Nelson-Porter, CEO and Founder
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