



DEFINING A RESEARCH UNIVERSITY: PERSPECTIVES from a nsnp HEI

Fr. Dionisio M. Miranda, svd

University of San Carlos

Cebu City

CARNEGIE CLASSIFICATION OF INSTITUTIONS OF HIGHER EDUCATION

- ▶ 1994: defined Research I universities as those that:
 - ▶ Offer a full range of baccalaureate programs
 - ▶ Are committed to graduate education through the doctorate
 - ▶ Give high priority to research
 - ▶ Award 50 or more doctoral degrees each year
 - ▶ Receive annually \$40 million or more in federal support
- ▶ interim 2000 edition: renamed Research I Universities to Doctoral/research universities-extensive (to avoid the inference that the categories signify quality differences).
- ▶ 2015: reinstated the designations RI, RII and RIII
- ▶ 2018: includes three categories for doctoral universities:
 - ▶ R1: Doctoral Universities - Very high research activity
 - ▶ R2: Doctoral Universities - High research activity
 - ▶ D/PU: Doctoral/Professional Universities

- ▶ HEIs rated as either R1 or R2 if they "conferred at least 20 research/scholarship doctorates in 2016-17 and reported at least \$5M in total research expenditures. A "research activity index" was then calculated that included the following measures:
 - ▶ R&D expenditures in science and engineering (S&E)
 - ▶ R&D expenditures in non-S&E fields
 - ▶ S&E research staff (postdoctoral appointees and other non-faculty research staff with doctorates)
 - ▶ Doctoral conferrals in humanities, social science, STEM fields, and in other fields (e.g., business, education, public policy, social work)
- ▶ These four measures were combined using principal component analysis to create two indices of research activity, one representing an **aggregate level** of research activity and the other representing **per-capita** research activity. HEIs rating highly on both indices were classified among "R1: Doctoral Universities - Very high research activity."
- ▶ **For R&D rankings the PHL has yet no comparable mechanism to track for institutional diversity, student population and faculty qualifications.**

- ▶ CHEd workshop organized in 2018 held at Crown Hotel in Cebu: Not a single one of the HEI senior officials invited had a reflex understanding or explicit appreciation of what a research university specifically consists of.
- ▶ Intuitive definition: RU is one which is committed to research and consequently concentrated on graduate education.
- ▶ QS recognizes only two PHL universities as “research-intensive,” a qualification indicating that the research interests of the lecturers are somehow carried over into their teaching activities as well.
- ▶ CMO 46, 2012. Seven years later CHEd provides a indicative map of the HEI landscape for RUs, when most have not even reached respectable TU (Taching University) status.
- ▶ Equal need for a more empirical analysis and frank discussion of the PHL HEI eco-system. For example, **conceptual distinction of Public / Private HEIs is arguably inadequate**, resulting in skewed policies and recessionary consequences in implementation. Why not distinguish PHEIs further into fp (for profits) and nsnp (non-stock non-profit), reflecting three (3) sectors overall interacting in a complementary tripod? As permeable rather than hermetic categories, they can represent distinct worlds (with main and subcultures) and asymmetrical organizations (economies, systems and structures) capable of collaboration.
- ▶ For Carnegie Classification “It does not matter whether the institution is public or private, or how the research is funded.” Not so for PHL. Towards defining a RU I thus offer a couple of **“Perspectives from a nsnp HEI.”**

COMPARATIVE ACCESS TO QUALITY EDUCATION IN THE PHL

STATE SCHOOLS

UP

SUCs / LUCs TVIs

- NATIONALISM-DRIVEN
- ESTABLISHED BY GOV'T
- FINANCED THROUGH SUBSIDIES COLLECTED FROM TAXES
- STRICTLY MERIT-BASED FOR ISKOLAR NG BAYAN
- SOME FORM OF SOCIALIZED TUITION

NSNP SCHOOLS

ADMU, DLSU, UST
USC, USJ-R, USPF

- MISSION-DRIVEN
- ESTABLISHED BY CHURCHES OR FOUNDATIONS
- FINANCED FROM TUITION & DONATIONS
- MOSTLY MERIT-BASED
- 5% SCHOLARSHIP MINIMUM

PRIVATE FP HEIs

UC, UV, SWU
CIT-U

- BUSINESS-DRIVEN
- ESTABLISHED BY FAMILIES OR CORPORATIONS
- FINANCED FROM TUITION & ALLIED BUSINESSES
- MOSTLY MERIT-BASED
- 10% TAX ON PROFIT

PHL R&D Eco-system Audit

- ▶ USA- STRIDE approach started with an analysis of the eco-system of IP culture before planning its strategies.
- ▶ Not enough literature about the Philippine HEI macro-system. Instead of radical self-critique we have a surfeit of visioning, dearth of diagnostics, zero postmortems. Fascinating planners, disheartening implementers.
- ▶ No systematic nor methodical analysis of what ails Graduate Education communicated to its stakeholders. Have we ever done an impact study on all the R&D units coursework required for Graduate programs in the past?
- ▶ IRIS Conference on Universities 4.0 reinforced the conviction that we cannot meaningfully face the challenges of FIRE without serious R&D, Innovation and Scholarship on Universities 1.0, 2.0 and 3.0. To me that is not just subtext but the inevitable imperative of the Draft PSG-GE.

R&D Manpower Audit

- ▶ **PHL-based:** too few experts, few actual researchers, disparate fields and distribution, either ageing or too young
- ▶ **Production:** a broken supply chain disrupted further - all the way from BED (seedbed in S&T SHS), to Tertiary (nursery, e.g., uneven mentoring quality between foreign-bred and homegrown experts) and Graduate division (post-docs, succession planning)
- ▶ **Nurturing:** strict meritocratic funding: cf. RA6971 (PDP p. 138) productivity-based incentive scheme at personal and HEI levels
- ▶ **Work context:** personal perspective on RCW culture: only niche-focused agenda is viable and sustainable / review of RCW system metrics: non-productivity and non-scalability.

DIFFERENTIATED National R&D

- ▶ **Academe-Industry Linkages cannot begin without scholarship, research, and innovation in that order rather than the reverse. (DMM, “PAGE’s Ordeal by FIRE” (2019 Annual Convention))**
- ▶ **Differentiate agenda of SUCs from PHEIs and NSNPs and support each sector accordingly.**
- ▶ **NSNPs, esp. Catholic HEIs should return to their roots, e.g., to critical ecclesiology functions such as the kingly function (administrative), priestly (morale, professionalism), and prophetic (critique of self and of society) / Illustration of R&D focus of NSNP - “frugal technology” in “mission territories” like microgrid, cold storage at fishing islands, alternatives to palay-drying on highways, resilient disaster shelters, low-tech water filters, etc.**

	Ownership	Scholarship, R&D, Innovation Interests & Agenda	Economic Policies and Management	Expert Labor Force audit / R*D Centers	Good Governance
Type A	State * full dominion	National Dev. Priorities [NEDA > HEIs via CHED] [DOST - NHRDA] * R / CW	Budget subsidies from taxes, accountabilities * Double taxation for consumers of private ed.	NAST list -Lacanilao critiques AmBisyon 2040 stats * National Academy of Graduate Faculty	Patronage politics and derivatives * level playing field with HEIs *Performance Gov. Systems
Type B	Family / Corporates * Lessees	Corporation goals [ad intra] WB study on B&I disconnects GAIN, * CCCI at R7	Capitalization, venture capital and ROI * project's value proposition / CSR	Inventory of expertise * exclusive to conglomerates, not MSMEs	Competitiveness * proliferation of HEIs * accreditation levels low
Type C	Church / CSO Foundations * Guests	Mission causes [some social, cultural, religious issue] * USC R&D refocus	Sponsorships * angel investors, crowd-sourcing, CSR donations, Divine Providence	Archipelagic spread * few, isolated experts in islets of R&D, ageing, no postdocs	Philanthropy and idealism * Challenges and risks of politically incorrect advocacies

THANK YOU FOR YOUR ATTENTION.

- ▶ PNHRS Convention
- ▶ Limketkai Hotel,
- ▶ Cagayan de Oro
- ▶ 15 August 2019