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Latin America

- Part of North America (Mexico)
- Central America
- Caribbean (CUB, DOM, PUR)
- South America
- Most languages spoken: Spanish (64%) and Portuguese (33%)
- Main colonization: Spain and Portugal
- Inequities in equipment, accessibility and qualified human resources.

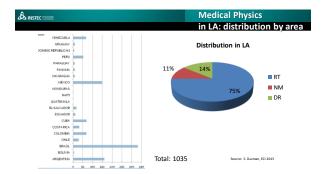


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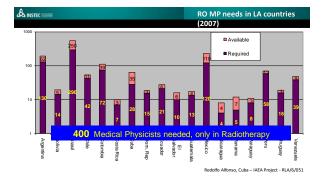
Latin America

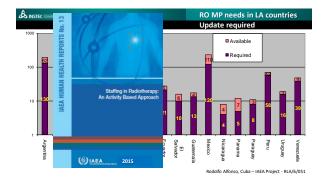
- Influences of original cultures (Mexico, Guatemala, Peru, Bolivia, Paraguay)
- Similar idiosyncrasy, religion and cultural characteristics

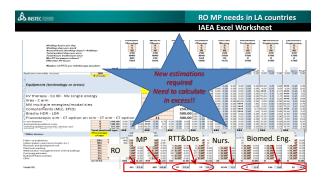


















Regional MS program in MP (2000-2004)

- IAEA Regional Cooperation Project ("ARCAL 50")
- 2-year IAEA fellowships for 30 MPs from all LA countries
- Support for expert missions (lecturers)
- Several national MS-MP programs
 - boosted up:

 VEN (host), ARG, BRA, CUB, CHI, COL, COS, PER

MP Education and Training in LA: Background

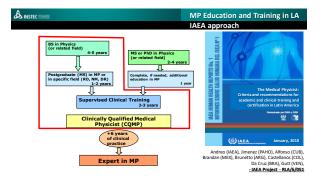




MAESTRIA EN FISICA MEDICA

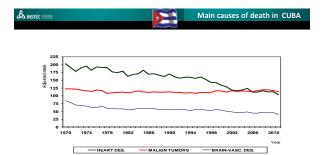








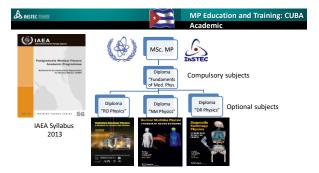


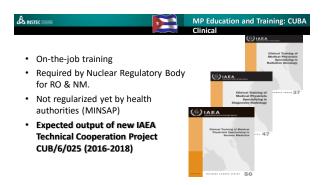


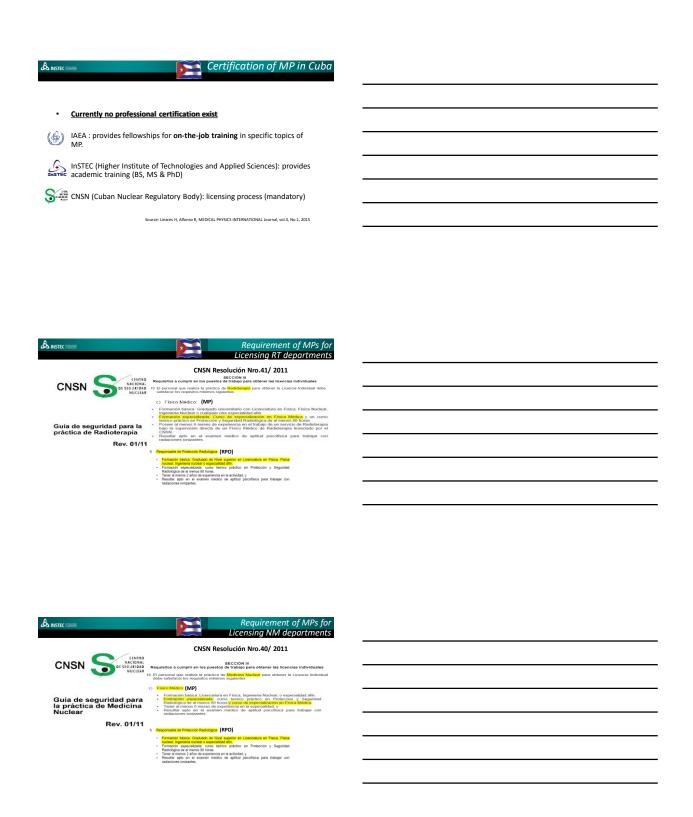
Source: Ministry of Health, Cuba

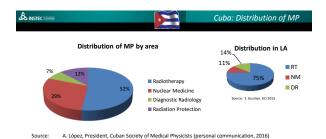






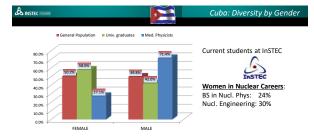


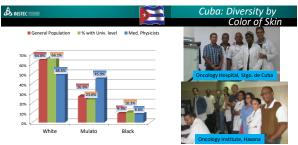












iources: Galván González D.E., "La Población Cubana según el Color de la Piel" (Cuban Population according to Color of Skin) ONEI, February 2016. A. López, President, Cuban Society of Medical Physicists (personal communication, 2016)

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MP in Latin America: Unattractive profession?

- · Lack of promotion of the medical physics (MP) profession
- · There are no legal frameworks regulating the MP profession
- Inappropriate professional status and salary
- · Few groups of MP with national and international renowned
- · MP less recognized than other Physicist at the University
 - Medical Physics = Applied Physics, less status than theoretical or experimental physics
 - Medical Physics = "Technical work"
- Profession not recognized in the general medical environment

D. Venencia, AAPM Annual Meeting 2010



