

Education & Workforce

- Metspalu
 - Dissanayake
 - Patrinos
 - Dunn
 - Anderson
 - Korf
 - Roden
- Estonia
 - Sri Lanka
 - Greece
 - UK Wellcome Trust
 - Australia
 - UAB
 - Vanderbilt

	Priorities	Opportunities	Actions
Genomics Professionals			
Healthcare Providers			
Public			

	Priorities	Opportunities for action	What are the next steps
Professional genomics workforce	<p>Increasing numbers (how many and of what kind)</p> <p>Recognition of discipline</p> <p>Generalists vs. specialists in genomics</p> <p>Various paradigms for genomic professionals</p>	<p>Compare training paradigms for geneticists in different countries</p> <p>Define models and best practices in different regions</p> <p>Summarize existing workforce surveys.</p> <p>Extension of current capabilities by telemedicine</p> <p>Couple lab certification to delivery of clinical services?</p>	<p>Collect data on genomic professional workforce and training in different countries</p> <p>Conduct formal workforce studies</p> <p>Share competencies and training paradigms</p> <p>Genomics academy</p>

	Priorities	Opportunities for action	What are the next steps
Other health providers	<p>Define, e.g. using entrustable professional activity models.</p> <p>Develop point of care decision support tools</p>	<p>Examine curricula and determine where genetics competency training can be accommodated</p> <p>Define what genomic competencies a matriculating and a graduating medical student should have. This may be different by regions/countries</p> <p>Advocate for policies that encourage implementation of genomic medicine services</p>	<p>Deploy new educational tools, such as on-line courses?</p> <p>Develop region/country specific teaching material, perhaps on common templates</p> <p>Use existing professional workforce to educate other physicians; e.g. in professional subspecialty meetings</p>

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Public	<p>Better informed public.</p> <p>More literate – better equipped to make wise personal decisions</p>	<p>Adapt existing products to specific cultures.</p> <p>Extend to high school students.</p> <p>Engage lay support groups to put on programs, develop and distribute educational materials</p>	<p>Provide clearinghouse for accumulated information</p> <p>Consider novel educational paradigms.</p> <p>Customize materials to culture of the target audience.</p> <p>Extend DNA Day to be a national educational event</p>