USP Global Health: Innovating to increase access to vaccines

DCVMN Annual General Meeting
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An independent, scientific, nonprofit organization

Our Mission

To improve global health through public standards and related programs that help ensure quality, safety and benefit of medical products (including vaccines) and food.
Our work in global health

USP strengthens health systems at local, regional, and global levels and delivers end-to-end technical assistance and services that champion equitable access to quality medical products.

Current program footprint in Africa and Asia out of 56 countries (as of Aug. 2023)
Our global health impact

- **90+** countries across 4 continents where USP has implemented global health programs
- **120** manufacturers supported
  - 70+ product approvals (e.g. WHO PQ or SRA)
  - 40+ technology transfers, including 10 fill/finish
- **100** quality control or clinical diagnostic labs trained in global standards and best practices
- **71** national regulatory authorities strengthened with USP technical assistance

USP’s global health work is funded by the Australian Department of Foreign Affairs and Trade (DFAT), Global Fund, U.S. Agency for International Development (USAID), World Health Organization (WHO), and other donors.
Vaccines: Science-led technical assistance

Bridging needs and solutions through understanding

- Barriers to access
- Continental, regional, and country dynamics
- Stakeholder priorities
- Infectious disease and technology trends
- International best practices

Catalyzing implementation by strengthening LMICs

- Standard for quality vaccines & biologics
- Manufacturing capabilities
- National regulatory agencies
- Laboratories for independent testing and diagnostics
- Informed decision-making
## Innovating to support the vaccine ecosystem

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<th>Category</th>
<th>Workforce development</th>
<th>Biomanufacturing capabilities</th>
<th>Regulatory systems strengthening</th>
<th>Laboratory competencies</th>
<th>Document &amp; reference standards</th>
<th>Quality practices</th>
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<td>Staffing</td>
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<td>Feasibility</td>
<td>Functions and systems</td>
<td>ISO accreditation</td>
<td>USP-NF</td>
<td>QMS, GxP</td>
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<td>Working conditions</td>
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<td>GxP, sterile processes</td>
<td>Harmonization</td>
<td>Method development, qualification and validation</td>
<td>Vax platform quality assessment toolkits</td>
<td>QM, QRM</td>
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<td>Competency frameworks</td>
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<td>Facilities design and requirements</td>
<td>Advance regulatory maturity</td>
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<td>Analytical procedures (draft guidelines)</td>
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<td>Motivation</td>
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<td>Strategic planning</td>
<td>Reliance mechanisms</td>
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The standard of trust