Today

• Announcements
• Skye Gilbert, PATH
• Discussion with Skye
Announcements

• Discussion Sections – Zoom – Attend one
  • Wednesday: 3:00-4:00 pm
  • Wednesday: 5:00-6:00 pm

• Homework 5, Due May 4.
  • Evaluate DHIS2 Covid-19 Module
    • Is it appropriate for the State of Washington?
  • Submit by email
  • Course grade based on 7 of 9 assignments
# Course Schedule

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<th>Date</th>
<th>Topic</th>
<th>Lead</th>
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<td>April 6</td>
<td>Engineering the Vaccine Cold Chain</td>
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<td>April 13</td>
<td>Community Cellular Networks</td>
<td>Kurtis Heimerl</td>
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<td>April 20</td>
<td>Remote Temperature Monitoring</td>
<td>Martin Lukac, Nexleaf</td>
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<td>April 27</td>
<td>Election Monitoring</td>
<td>James Long</td>
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<td>May 4</td>
<td>Global Goods Software</td>
<td>Skye Gilbert</td>
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<td>May 11</td>
<td>Voice Based Social Networks</td>
<td>Aditya Vashistha</td>
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<td>May 18</td>
<td>Fintech for Rural Networks</td>
<td>Jenny Aker</td>
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<td>May 26</td>
<td>Water Sanitation and Health</td>
<td>Ashok Gadgil</td>
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<td>June 1</td>
<td>Open Data Kit</td>
<td>Waylon Brunette</td>
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<td>June 8</td>
<td>Development Engineering Discussion</td>
<td>Temina Madon and Anustubh Agnihotri</td>
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Development Engineering

- Technological interventions to improve human and economic conditions in low-resource settings
- Technical aspects of development engineering
- Context for development engineering
- How is development engineering practiced in different settings and domain
Technological interventions to improve human condition

• Assumption: Digital technologies improve health systems which improves the human condition

• Medical record systems, health logistics, health data collection, laboratory management, case reporting, aggregating health indicators
Technical aspects of Global Good software

• Appropriate design of software technologies for developing countries health systems
  • Technology management
  • Localization
  • Integration
  • Software evolution
  • Open systems
How is development engineering practiced

• Global goods software
  • Global health governance and country health systems are top down
    • Policy, funding, and management
  • Software innovation is bottom up

• Challenges around software chaos and irrational funding

• Management between donor level and technology level
Today – Global Goods

• Skye Gilbert
  • PATH
    • Executive Director, Digital Square
    • Deputy Director, Digital Health
  • Bill and Melinda Gates Foundation
    • Strategy Officer
    • Program Officer, Vaccine Delivery
  • Logistimo (India)
    • Business Officer
Over to you Skye...