Entrepreneurship, firefighters, and post-Soviet countries: What I learned from Brazilian milk banks

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Why Milk Banking?
Who am I?

• M.A. Candidate: Russian, Eastern European, and Eurasian Studies
  – Center for Russian, Eastern European, and Eurasian Studies
    ◆ Thesis Requirement
• M.P.H. Candidate: Human Nutrition
  – School of Public Health
    ◆ Internship Requirement

Preparation

• Portuguese Language
• Shadowing Dr. Lisa Hammer at Briarwood Clinic
• Human Milk Banking Association of North America (HMBANA) Conference
• LiquidGoldConcept breast pump development

Internship & Research Goals

• Understand the organization and structure of milk banks in the United States and Brazil
  – Personnel
  – Use of space
  – Integration into medical system
• Learn about the role of milk banks in promoting a breastfeeding culture
A month in Brazil

- **Week 1 (Rio de Janeiro):** Role of the milk bank in the medical system
- **Week 2 (Brasilia):** Tour of 8 milk banks
- **Week 3 (Rio de Janeiro):** Pasteurization
- **Week 4 (Rio de Janeiro):** Mini-Course with University of Michigan health professionals

**Brazil: 213 Milk Banks | 142 Depots**

- Brasilia (Federal District) Visited 8/15: Milk Banks | 0/3 Depots August 2014
- Rio de Janeiro (Rio de Janeiro State) Visited 4/17: Milk Banks | 2/5 Depots August 2014

**Interdisciplinary Collaboration**

**Creativity and Efficiency**
“The two biggest passions in my life are: Football and the breast!”

Current Work

- Travel to Serbia and Bosnia in March
- Russian, Eastern European, and Eurasian Studies master’s thesis
  - Maternal and child health policies
  - Breastfeeding culture and milk banking from 1880-2010 in Russia and post-Soviet states
- LiquidGoldConcept Hand Massage Techniques

Future Work

- M.D./(Ph.D.) in Nutritional Biology at the University of California, Davis
  - Focus on breast milk and microbiome development
  - Maternal and child health policy development
Funding
- University of Michigan International Institute Individual Fellowship
- University of Michigan School of Public Health Maternal and Child Health Grant
- University of Michigan Brazilian Initiative

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- Dr. Joao Aprigio
- Dr. Tim Dvonch
- Dr. Chuanwu Xi
- Dr. Timothy Johnson