



Sustainable Detrick

Outreach, Partnerships, Transformation and Continuous Improvement

Overview

COL Judith D. Robinson
Commander, U.S. Army Garrison

15 March 2011

Fort Detrick, Maryland
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Performance Excellence



- **Army Community of Excellence-Exemplary Practice Winner**
- **5 Best Family Friendly Workplaces in Frederick County**
- **Tree City USA**
- **Maryland Plant Award**
- **Army Medium Fire Dept of the Year**
- **Army/DoD Fire Prevention Program of the Year**
- **OSHA Voluntary Protection Program – Star Program**
- **Outstanding Housing Team (private/DoD)**
- **Multiple Federal Career Service Award winners**
- **Maryland Performance Excellence Award**
- **Frederick Memorial Hospital - Health Business Health Award**
- **U.S. Green Business Council Leadership Award**

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Fort Detrick, Maryland

- **Joint-Interagency, National Asset**
- **Top 1% in nation for safety**
- **Area's largest employer and consumer**
- **\$2 billion-plus in construction**
- **Partner and major contributor throughout many communities**
- **Highly skilled workforce**
- **Culture of Sustainability**



Yesterday & Today

- Yesterday:
 - Began as Frederick Airport
 - Converted into a military airfield in 1931
 - Established in 1943 as Camp Detrick
- Today:
 - Largest Employer in Frederick County
 - Hosts multiple strategic missions
 - Hosts multiple Cabinet Level Agencies
 - Department of Defense
 - Department of Health and Human Services
 - Department of Homeland Security
 - Department of Agriculture
 - Department of Veterans Affairs
 - Includes Forest Glen Annex, Montgomery County



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A Culture of Sustainability

- Commitment to customer service, performance excellence, environmental responsibility, and employee engagement
- Sustainability practiced beyond environmental aspects as noted by the American Society for Quality for performance excellence
 - Addressing current business needs to prepare successfully for our future business, market, and operating environment
 - Our responsibility is to the well-being of environmental, social, and economic systems
 - Building and maintaining a Net Zero culture to sustain vital natural resources

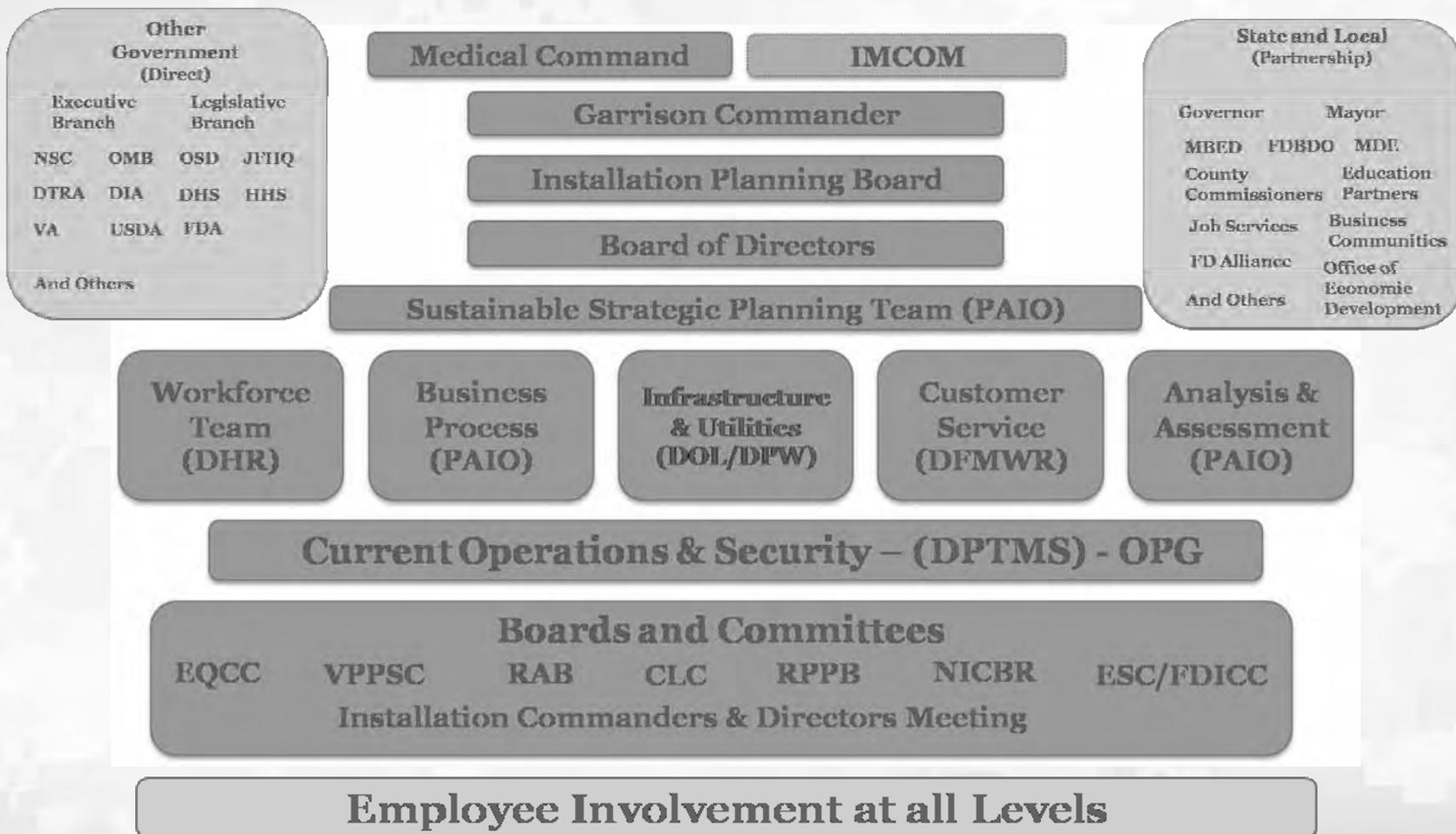


What do we do?

- The U.S. Army Garrison(USAG) is the “City Hall” of Fort Detrick
- Each Organization or Mission Partner is a tenant in our “City”
- The USAG provides essential service to allow these Mission Partners to complete their tasks to protect the Nation
- The USAG is a partner with the community to provide services as well as information
- Net Zero focus on reduction, repurposing, recycling, and recovery of valuable natural resources for the future



Governance Relationships





Organizational Structure

COL Judith D. Robinson
Garrison Commander
Ms. Mitchell – DGC
CSM Shaheen

CPAC Liaison

Resource Management

Plans, Analysis, & Integration

Forest Glen Annex

Installation Support Directorates

Directorate of Human Resources

Directorate of Family & Morale, Welfare & Recreation

Directorate of Plans, Training, Mobilization and Security/Emergency Services

Directorate of Installation Services (DOL/DPW)

Network Enterprise Center

Installation Support Offices

Religious Support

EEO

Public Affairs

Internal Review

Safety

Environmental

Contracting /Legal

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Full Service – Dedicated System



Housing

- Privatized family housing units
- Barracks



Services

- Commissary (grocery)
- Post Exchange
- Gym, Pool, Recreation...
- Child & Youth Services
- Food Services

Utilities

- Recycling Center
- Water and wastewater treatment plants
- Solid waste landfill
- Steam sterilization plant
- Electric - privatized Central Utilities Plant
- Electric and Natural Gas Fleet



Emergency Services

- Police Department
- Fire Department
- HAZMAT Team
- Ambulance/EMTs
- Special Reaction Team
- Federal Guard Force

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Strategic Missions

- Medical Research (USAMRMC)**
- National Strategic Satellite Communications**
- Defense Medical Logistics**
- Public Health (National Cancer Institute)**
- National Interagency Biodefense Campus (NIBC)**



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US Army Medical Research and Materiel Command



- Medical research
- Medical acquisitions
- Combat Casualty Care Research Program
- Robotics rescue and evacuation
- Prosthetics and Human Performance
- Optimal Healing Environments
- Advanced Pain Management
- Remote Biomonitoring

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Global Satellite Communications

- Missions support Executive, Legislative Branches of Government, as well as DOD Commanders
- Supports Contingency Operations
 - Hurricane Katrina
 - Inauguration
 - NASA





Defense Medical Logistics

- **Joint Capability:**
 - U.S. Army Medical Materiel Agency
 - Air Force Medical Logistics Office
 - Navy Medical Logistics Command
 - 6th Medical Logistics Management Center
 - Joint Medical Logistics Functional Development Center
 - Defense Medical Standardization Board



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National Cancer Institute

- NCI-Frederick conducts research and development designed to prevent and cure cancer and AIDS
- Owns 68 acres of land and 111 buildings internal to Fort Detrick
- USAG, Fort Detrick provides operational support





- Directed by Congress
- Developing medicine to protect Civilian and Military from disease
- Specially designed, safety conscious buildings
- Oversight, inspections by external civilian agencies as well as DoD
- Limited access to labs
- Confederation of agencies to provide peer review and collaboration on science

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Economic Engine

- Largest employer in region
 - Continued Employment growth
 - ~300 FTE annually through 2015 adding ~ 1500 jobs
 - Does not include contractors and services
- >\$2B in contracts in 2009
- >\$600M in Maryland contracts in 2009
- >\$55M in local contracts in 2009
- \$2B in construction
 - Primary subcontractors – Maryland, local
 - USAMRIID Example: >\$260M in local subcontracts + purchases
- >16,500 jobs created in region to sustain installation
 - Expected to increase through 2015





The New C2

Headquarters



“City Hall”

- **Command and Control**
 - Command relationship
 - Army only
 - Direct response to regulations
 - Rigid, closed
 - Directive
- **Collaboration and Cooperation**
 - Installation “Mayor”
 - Multiagency
 - Partnerships to navigate regulations
 - Flexible, clarity
 - Collaborative
 - Employee empowerment



What are our Relationships?



**National
Leadership**

**Joint
Forces**

**Interagency
Public Health**

**Local
Communities**

**Business
and
Workforce**

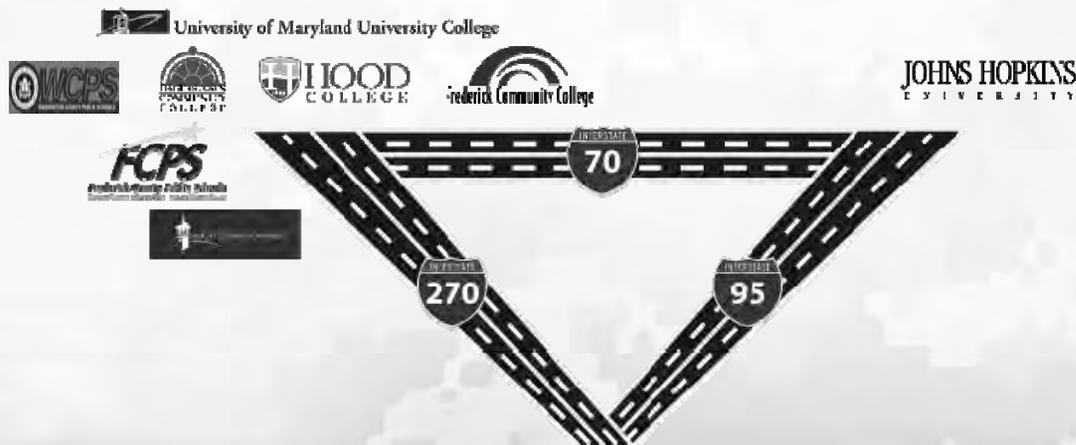
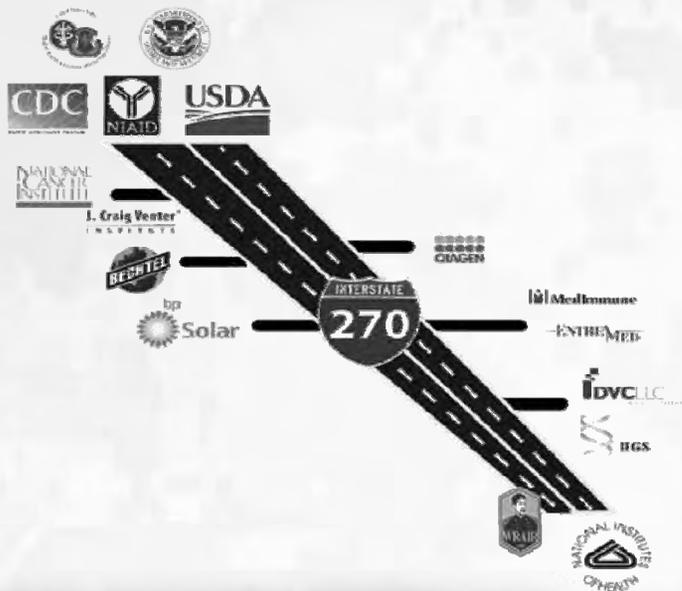
**People
and
Environment**

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Partners in the Community

- Today
 - Leveraging business partnerships
 - Leveraging research partnerships
 - Leveraging educational partnerships
- Always
 - Leader and workforce development
 - Educational programs for all ages
 - Protecting the environment
 - Strengthening regional relationships
 - Strengthening community commitment



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Practicing Partnership

- Communication Systems
- Federal, State, County, City
- Mutual Support
 - 36% calls in Frederick
- Exercises
 - Planning
 - Tabletop
 - Scenarios





Soldiers, Families, Civilians

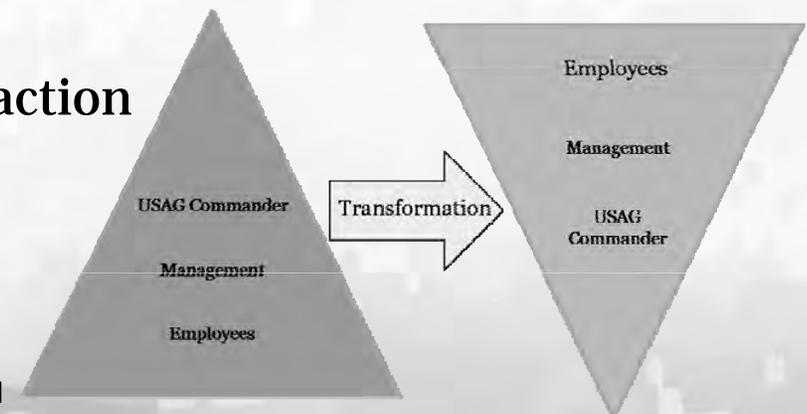


- Improving Programs for:
 - Strong Minds
 - Strong Bodies
- Building Resiliency and well-being throughout our workforce and Families



Safety-first, last, and all the time

- USAG Fort Detrick in the top 1% of over 7 Million workplaces in the Nation
- The first U.S. Army Garrison recognized by OSHA as a Voluntary Protection Program (VPP) site
- VPP is OSHA's official recognition for exemplary occupational safety and health management system
- Open, transparent environment to communicate safety objectives
- Empowerment of workforce to direct change
- Reduced Lost Work Days from accidents by 60 days annually (75% improvement)
- Improved employee and customer satisfaction
- Used program as a model for innovation in other areas on the installation



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Preserving Cultural Resources



Nallin Bank Barn

Restoration

**Built - circa 1800;
Stabilization - 2009**

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Net Zero

Preserving Natural Resources

Appropriately managing natural resources through community partnerships and a culture that enhances mission capability, quality of life, and the preservation of the future.



- **Net Zero Water** limits the consumption and balances availability to ensure sustainable supplies for the future



- **Net Zero Energy** identifies ways to conserve, utilize, and re-purpose energy to limit consumption



- **Net Zero Waste** reduces, reuses, and recovers waste while converting resources to protect the environment

Net Zero Hierarchy





**Yesterday –
Installed
Tubes**



Forestation

**Today –
Installing
Mature Trees**



**Tomorrow –
Partnership with
American Chestnut
Foundation**



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Advanced Solid Waste Management

- **Recycling**
 - >45% of solid waste recycled
 - A leading recycling program in Army
- **Solid Waste**
 - Reduction of solid waste in landfills
 - Partnering with local community for recycling e-waste
- **Advanced Processes**
 - Sustainable procurement
 - Realization of waste-to-energy





“Green” Construction



- State-of-the-art
- Energy-efficient
- Planning and Certifying LEED Silver for new construction
- Retrofitting eligible buildings for LEED-EB certification
- Realigning roads for improved trafficability
- How are we getting there?
 - Low Impact Development
 - Low flow water fixtures
 - Occupancy Sensors
 - LED Lights
 - High Efficiency HVAC
 - Building Energy Automation
 - Options: vegetated or solar roofs
 - Proactive studies on environmental considerations



Base Realignment and Closure (BRAC) Facilities

Armed Forces Reserve Center (BRAC)



BRAC
Multi-service Reserve Training
Occupied



National Museum Health & Medicine (BRAC)



BRAC-FG
Historic treasures of Health and Medicine
Estimated completion July 11
Under Construction



Medical Administrative Facility (BRAC)



BRAC
Joint Center of Excellence for Medical Research, Development and Acquisition
Est completion July 2011
Under Construction



DOD Navy Medical Research Center (BRAC)



BRAC
Navy Programs
Est. completion June 2011
Under Construction



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Laboratories Under Construction

DHHS NIAID-IRF - (National Institute of Allergy and Infectious Diseases – Integrated Research Facility)



House Report 108-101 (Feb 03)
Advanced BSL Imaging
Commissioning

DHS NBACC (National Biodefense Analysis and Countermeasures Center)



Senate Report 107-151 (May 02) & House Report 108-280 (Sep 03)
Bio-forensics
Commissioning

DOD USAMRIID (United States Army Medical Research Institute of Infectious Diseases)



Program Budget Decision 753 – DOD POM FY 2006
DoD Programs
Est. completion Jan 2014
Under Construction



DOD Navy Medical Research Center (BRAC)



BRAC
Navy Programs
Est. completion June 2011
Under Construction



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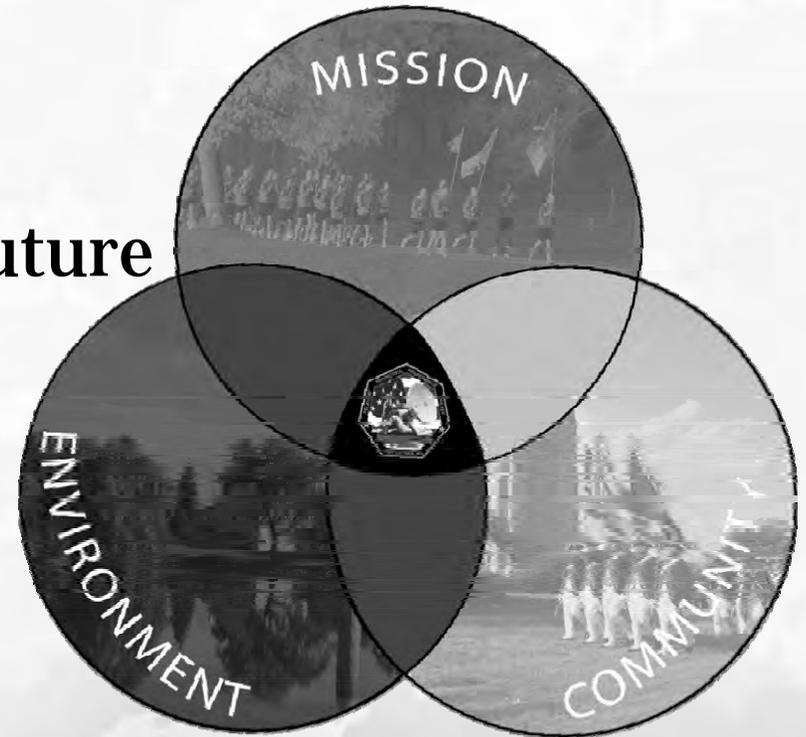


Conclusion

Strategic partnerships, teaming, workforce empowerment, outreach, environmental stewardship, integration, and continuous feedback allows Fort Detrick to:

Transform for a Sustainable Future

- Relevant
- Respectful
- Responsible
- Ready





For More Information

- **www.detrick.army.mil**
- **Contact U.S. Army Public Affairs Office**
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