

FORT BRAGG AND POPE AIR FORCE BASE

# BRAC REGIONAL TASK FORCE

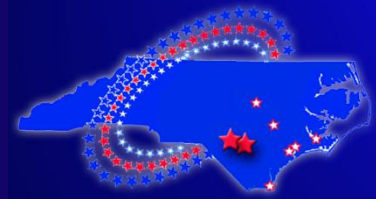
COMMUNITY PLANNING FOR BRAC IMPLEMENTATION



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**Annual Community Meeting**  
**“Countdown 2013: Gains, Gaps and Goals”**  
**10 December 2010**

# Annual Community Meeting

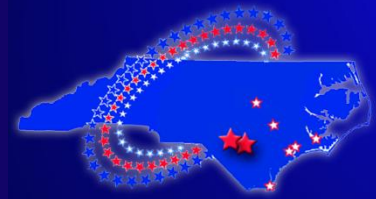


## **National Anthem**

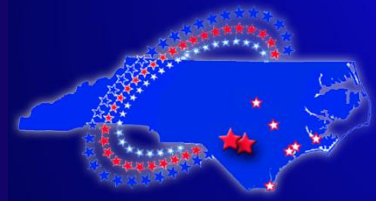
**John Bellamy – Executive Assistant  
BRAC-RTF**

## **Invocation**

**Colonel David Hillis  
Fort Bragg Garrison Chaplain**



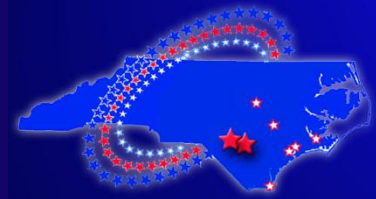
**On behalf of the  
BRAC Regional Task Force  
Tim McNeill  
Chairman of the Board**



## Recognitions

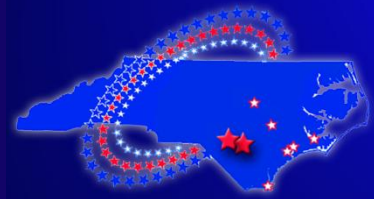
**Greg Taylor**  
**Executive Director**

# BRAC-RTF BOARD OF DIRECTORS



- **Bladen: Greg Martin, Delane Jackson**
- **Cumberland: Kenneth Edge, Ethel Clark**
- **Harnett: Tim McNeill, Tommy Burns**
- **Hoke: Jean Powell, Tim Johnson**
- **Lee: Jim Womack, Cornelia Olive, & Alt. John Crumpton**
- **Montgomery: Edgar Morris, Greg Zephir**
- **Moore: Cary McSwain, Reagan Parsons**
- **Richmond: Thad Ussery, Daniel Kelly, & Alt. Jim McCaskill**
- **Robeson: Ken Windley, Jr., Stuart Turille**
- **Sampson: John Blanton, Roland Hall**
- **Scotland : Greg Icard, Tom Parker**

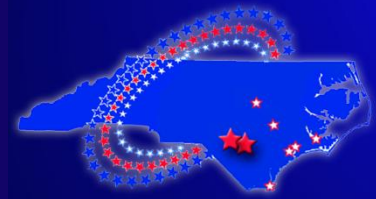
# Recognitions



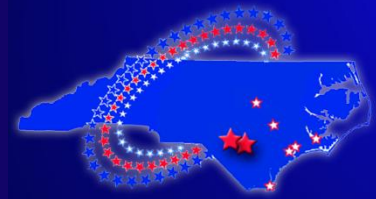
## **Elected Officials and Dignitaries**



- **Executive Director: Greg Taylor**
- **Regional Planner: Don Belk**
- **Associate Regional Planner: Pierre Lauffer**
- **Executive Assistant: John Bellamy**
- **Program Director for Workforce & Education: Tim Moore**
- **Director of Technology and Training: Carol McLean**
- **Program Coordinator for Education: Darrell Page**
- **Business Development & Finance Officer: Renee Siemiet**
- **Economic Development Liaison: Fred Papa**
- **SBTDC/FSU Intern: Lakeisha Lewis**

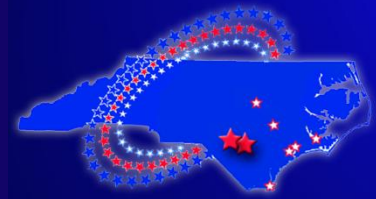


**Ms. Joan Sigler**  
**Growth Program Lead**  
**for the**  
**Department of Defense**  
**Office of Economic Adjustment (OEA)**



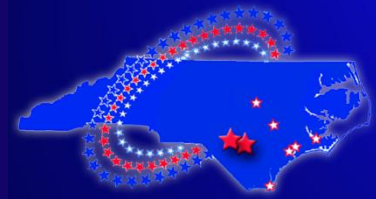
## BRAC 2005 – The Opportunity

How we got here...

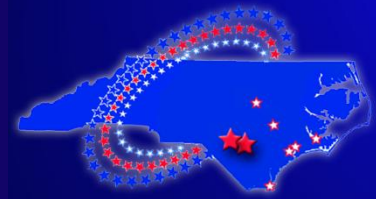


## “Gains, Gaps & Goals”

- **Regional Economic Transformation**
  - Economic Development
  - Education Programs
  - Workforce Programs
  - Infrastructure: Planning & Implementation



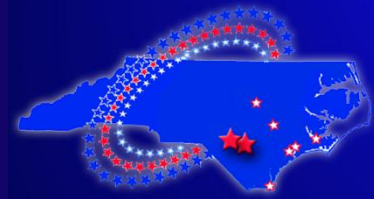
- **Work to Establish a Defense and Homeland Security Cluster**
  - Established the All-American Defense Corridor (AADC)
  - Formation of the NCDDBA
  - Center for Defense and Homeland Security
- **Local Economic Developers meeting monthly**
- **Hired an Economic Development Liaison**



## All American Center for Workforce Innovation

- Regional hub at FTCC & staffed by BRAC-RTF
- This was the proof of concept for providing new tools for education and workforce training programs via technology
- Still Needed: Build the capacity across the region
- BRAC-RTF investment - \$1M+(DOL)
- Cost to region/counties - \$0

# Education – Regional Needs

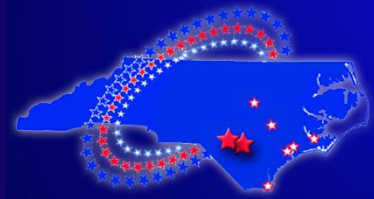


**Additional K-12 STEM focused technology & training opportunities. Keep students in school & preparing for life.**

## ■ **Current Efforts:**

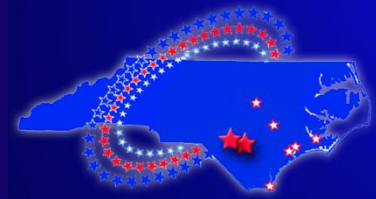
- Real Game
- Teachers being provided opportunities for Sci Vis Certification & Kenan Fellowships
- 12 High School, Enhanced Technology Classrooms (ETCs), as Pilot Program. ETCs have i3D, smart board, & distance learning capabilities
- **BRAC-RTF investment - \$880,000 (DOC/DWD ARRA grant)**
- **Cost to region/counties – Only space and staff time contributions from school systems**

# Education – Real Game

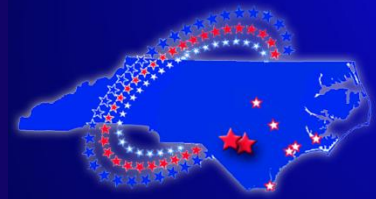


- A program played by middle school students that engages them in experiential career exploration and life skills
- Software provided for every middle school in region, including on post
- Value \$25,000
- Cost to region/counties - \$0 (staff training time)

# Education – Kenan Fellows Program

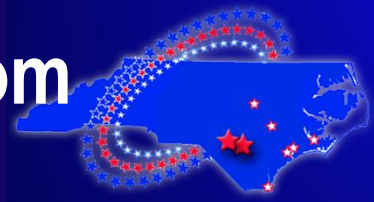


- **Need more Master STEM Teachers in region**
- **Partner with Kenan Fellows Program for Leadership and Curriculum Development**
  - **18 STEM Master Teacher Fellows**
  - **BRAC-RTF Investment - \$1.5M NSF Noyce II grant, \$900K Kenan Institute & \$26K DOL**
  - **Cost to region/counties – \$0**



## Sci Vis Teacher Certification

- **State of the art course that uses complex 2D graphics, 3D animation, editing, and image analysis tools to better understand, illustrate, explain, and present technical, mathematical, and/or scientific concepts and principles.**
- **Each county was given the opportunity to send teachers to this summer training. 10 licenses of appropriate software was purchased for each county.**
- **BRAC-RTF Investment - \$65,000 (DOC/DWD ARRA grant)**
- **Cost to region/counties – \$0**



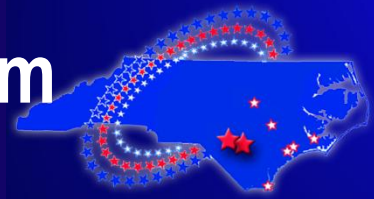
## Interactive 3D (i3D) Objects

- i3D content development – curriculum enrichment



- Value - \$95,000 (for 16 new visual learning objects)
- Cost to region/counties - \$0

# Education - Enhanced Technology Classroom



## Summer of Kainotomia

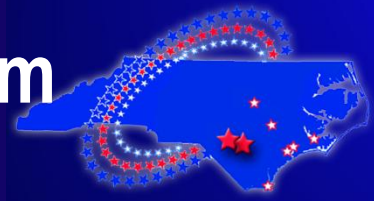
- Summer-long 3D modeling and gaming workshop (# of students 41 - 35)
- 7 counties participated
- Cost to counties - \$0

The screenshot shows a web browser window with the following content:

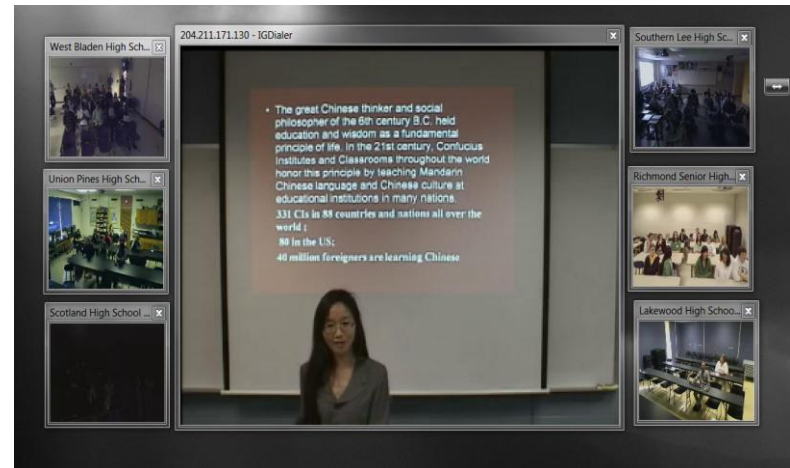
- Table of Contents (Left):** JS HOME, JS Introduction, JS How To, JS Where To, JS Statements, JS Comments, JS Variables, JS Operators, JS Comparisons, JS If...Else, JS Switch, JS Popup Boxes, JS Functions, JS For Loop, JS While Loop, JS Break Loops, JS For...In, JS Events, JS Try...Catch, JS Throw, JS Special Text, JS Guidelines, JS Objects, JS Objects Intro, JS String, JS Date, JS Array, JS Boolean, JS Math, JS RegExp, JS Advanced, JS Browser, JS Cookies, JS Validation, JS Animation, JS Image Maps, JS Timing, JS Create Object.
- Main Article:** JavaScript Variables - Windows Internet Explorer. Previous, Next Chapter. Variables are "containers" for storing information. Do You Remember Algebra From School? Do you remember algebra from school?  $x=5, y=6, z=x+y$ . Do you remember that a letter (like  $x$ ) could be used to hold a value (like 5), and that you could use the information above to calculate the value of  $z$  to be 11? These letters are called **variables**, and variables can be used to hold values ( $x=5$ ) or expressions ( $z=x+y$ ).
- JavaScript Variables:** As with algebra, JavaScript variables are used to hold values or expressions. A variable can have a short name, like  $x$ , or a more descriptive name, like  $carName$ . Rules for JavaScript variable names:
  - Variable names are case sensitive ( $y$  and  $Y$  are two different variables)
  - Variable names must begin with a letter or the underscore character**Note:** Because JavaScript is case-sensitive, variable names are case-sensitive.
- Example:** A variable's value can change during the execution of a script. You can refer to a variable by its name to display or change its value. This example will show you how.

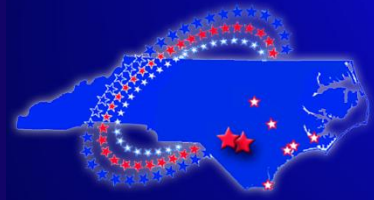
The right sidebar contains various links and resources, including 'Best Web Hosting', 'PHP MySQL Hosts', 'Top 10 Web Hosts', 'UK Reseller Hosts', 'Web Hosting', 'FREE Web Hosting', 'Top Web Hosting', '\$0 Doteasy Web Ho...', 'WEB BUILDING', 'XML Editor - Free T...', 'FREE Flash Webs...', 'FREE Web Templ...', 'SEO Company', 'US Web Design Sch...', 'W3SCHOOLS EXA', 'Get Certified in: HTML, CSS, JavaSc...', 'XML, PHP, and AS...', 'W3SCHOOLS DOC', 'New Books: HTML, CSS, JavaScript, and AJ...', and 'STATISTICS', 'Browser Statistic', 'Browser OS', 'Browser Display'.

# Education - Enhanced Technology Classroom



- Need to expose students to subject matter experts who can help bring relevance to classroom instruction
- Thru the Distributed Learning Network:
  - Jessica Gardner – NC Teacher of the Year (Sampson County)
  - Forensic Science Professor NCSU
  - Chinese visiting professor
  - Environmentalist
- Cost to region/counties - \$0

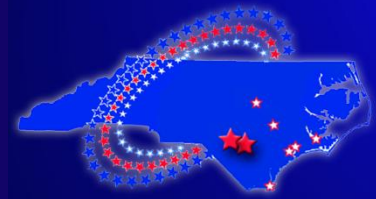




All the objects that you will see in this video were created by the students...

## VIDEO

# 2010 -11 Education Program

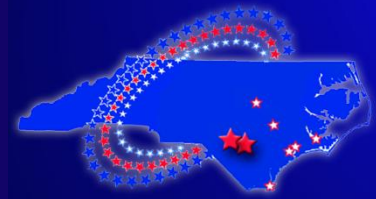


## What's happening...

- 25 teachers achieved Level 1 Sci Vis Certification
- 7 new Sci Vis courses being taught this year
- 'Unity' being taught at the East Montgomery Middle School
- Real Game teacher training
- Richmond County HS is implementing a Future Ready Engineering Academy
- After school 3D modeling clubs at three schools
- Subject matter experts being brought into schools
- Courses being delivered over the network
- Customized i3D objects are being developed

**These efforts are providing teachers and students with the skills and resources they need to be competitive in the 21<sup>st</sup> Century global economy**

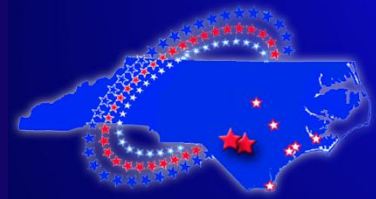
# 2010 -11 Education Program - GOALS



- **Enhanced Technology Classrooms in every high school in the eleven county region**
- **Continued Teacher Development through Sci Vis certifications & Kenan Fellowships**
- **Provide more targeted i3D objects for our teachers**

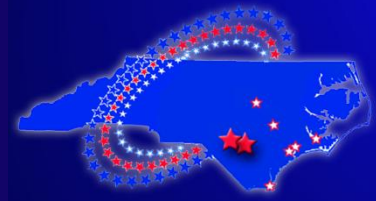


- **Detailed analyses that provide information needed to make strategic decisions & take appropriate actions**
  - Defense & Homeland Security Cluster Analysis
  - BRAC Impact on the Economically-Disadvantaged Study
- **Results: New education & training opportunities, courses, & programs, Literacy and Entrepreneurism initiatives**
- **BRAC-RTF investment - \$300K (DOL)**
- **Cost to counties/region - \$0 (FSU/UNCP in-kind)**



**Entrepreneurs and small businesses are crucial to economic development & job creation**

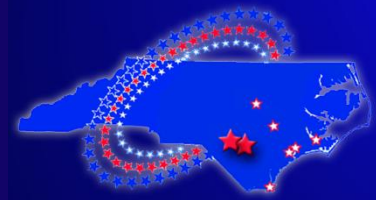
- **‘Energizing Entrepreneurism’ initiative between BRAC-RTF and NC Rural Center (NCRC)**
- **BRAC-RTF investment - \$15K total with matching in-kind from NCRC**
- **Actual cost to counties/region: \$0 (meal fees)**



## Lifelong Learning & Literacy Initiative

- **“Get *NOT* Out of Your Life”** campaign to be delivered in partnership with 4 regional WDBs
- **Goals: Lower dropout rate & increased knowledge, skills, and abilities of our students and workers**
- **BRAC-RTF investment - \$25K to date plus \$25K matching funds from WDBs**
- **Cost to counties/region: \$0**

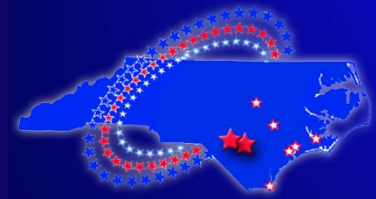
# “Get NOT Out of Your Life” Campaign



*You're ~~not~~  
going to make  
it in school.*

Get **not** out of your life.

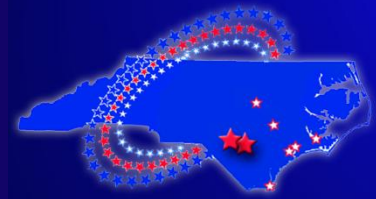
*Take the first step. Visit [webaddress.com](http://webaddress.com).*



- **Allied Health Regional Skills Partnerships with AHEC, WDBs, k-20, and area healthcare employers to increase number of home-grown medical workers**
- **WDBs and BRAC-RTF have formed a partnership named the All American Gateway Workforce Region to coordinate skill development efforts**



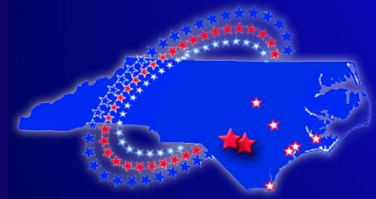
- **Started as an effort to assist Wounded Warriors. But the region needed a better way to connect & align career exploration, k-20 education, workforce, and talent acquisition**
- **Better education and career decision-making for military & civilian - adults & youth; school completion rates; training & skill improvement; better jobs/wages; job connectivity**
- **\$1.3M BRAC-RTF (DOL) investment**
- **Cost to our counties/region: \$0 -Staff training time**



## **PipelineNC**

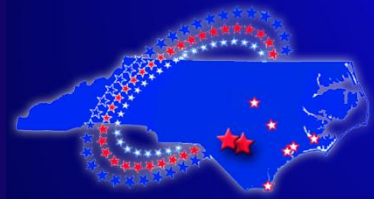
### **A Talent Acquisition Platform**

**Mr. Geoff Cramer, CEO**  
**Futures, Inc.**



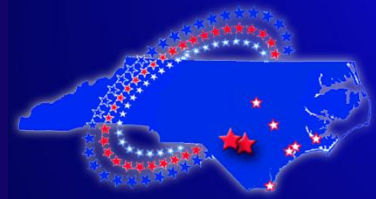
- **Complete the integration of educational institutions on PipelineNC**
- **Market PipelineNC to students, job-seekers, & employers**
- **Expand PipelineNC capability to include exiting military from Marines, Navy, Air Force, & Coast Guard**

# 2010 - 11 Other Workforce Program Goals



- **Continue to work with schools & WDBs to align educational training programs with future workforce knowledge, skill, & ability requirements**
- **Continue implementation of the regional Lifelong Learning and Literacy initiative with 4 WDBs**
- **Expand entrepreneurial support efforts throughout region**
- **Pursue new grant opportunities with the potential to impact regional workforce and education efforts**

# Infrastructure (Gaps)



- **School Construction Shortfall**
- **Impact Aid**
- **Transportation (Road & Air)**
- **Regional Communications Interoperability (VIPER)**
- **Workforce/Education**
- **Healthcare Services**

# Planning / Infrastructure



- **Housing Market Study (Jan 2011)**
  - Determines preferred locations and housing preferences; aids development community in meeting market demand: by online survey
- **Hotel/Convention Center Study (completed)**
  - Analysis supports ★★★★★ Hotel/Convention Facility in Fayetteville
- **Medical Specialist Recruitment Program (June 2011)**
  - Collaborative effort by regional medical centers to recruit and retain needed surgeons, dentists and other specialists
- **Regional Water/Wastewater Management/Energy (Feb 2011)**
  - Addresses adequate water supply and wastewater service to Fort Bragg and surrounding communities
- **Regional Travel Demand Model (Jan 2011)**
  - Identifies transportation 'hotspots' and models projected traffic to enable planning for solutions



- **Military Freight Rail Study (Jan 2011)**
  - Confirm full scope of rail service problems affecting the military and evaluate alternative approaches
- **Integrated Multimodal Corridor Plan (April 2011)**
  - Analysis of optimal multimodal transportation strategies along NC 87 and development of a 'transition point' to connect with on-post transit options
- **Infrastructure Integration Model (Mar 2011)**
  - Build regional efficiencies in infrastructure development
- **Fiscal Impact Analysis of Encroachment (Mar 2011)**
  - The costs of incompatible land uses



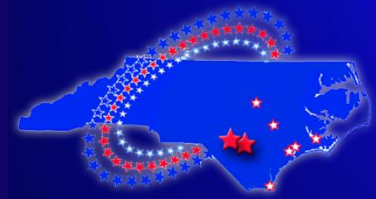
- **Sustainable Growth Management Strategy, Phase 1 (June 2011)**
  - Regional Greenprint; INDEX modeling to design future growth scenarios, set performance metrics
- **Regional Water Infrastructure Model – (Completed)**
- **Aviation Study (Completed)**
- **Geographic Information Systems (GIS) (June 2011)**
  - Assessment of regional capability/capacity; seamless regional databases for sustainability planning
- **Sustainable Growth Management Strategy, Phase 2 (est. Dec 2011)**
  - Recommendations for compatible growth through regional collaboration and adherence to smart growth principles

# Working Lands Protection Plans



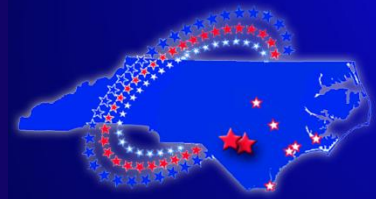
County	Status	Remarks/Next Step
Bladen	NCDA certified	<b>Certified/Complete</b>
Cumberland	NCDA certified	<b>Certified/Complete</b>
Harnett	NCDA certified	<b>Certified/Complete</b>
Hoke	NCDA certified	<b>Certified/Complete</b>
Lee	NCDA certified	<b>Certified/Complete</b>
Scotland	NCDA certified	<b>Certified/Complete</b>
Montgomery	In Review	Under review by county team; to be presented to BOC January 2011
Moore	In Review	Under review by county team, planning board, Agricultural Advisory Board, Soil and Water Conservation District Board; to be presented to Board of Commissioners in January 2011
Richmond	In Review	Reviewed by county team; to be presented to Board of Commissioners in January 2011
Robeson	In Review	Will be presented to Board of Commissioners on December 14, 2010
Sampson	In Review	Under review by county team; to be presented to Board of Commissioners in January 2011

# Planning / Infrastructure Program Goal



**Build regional capacity in a manner that supports our citizens while also supporting the mission at Fort Bragg**

- **Hoke County Land Use and Corridor Update (\$500K)**
- **Hoke County School Facilities Master Plan (\$90K)**
- **Sanford/Western Harnett/Spring Lake (Hwy. 87) Corridor Development Plan (\$1M)**
- **Spring Lake WWTP Upgrade (\$8M)**
- **Richmond County/South Moore Urban Complex: Integrated Infrastructure and Corridor Development Plan (\$500K)**
- **Fayetteville/Cumberland Comprehensive Master Plan Development (\$2M)**
- **Rockingham/Laurinburg/Lumberton (I-74) Corridor Development Plan (\$500K)**

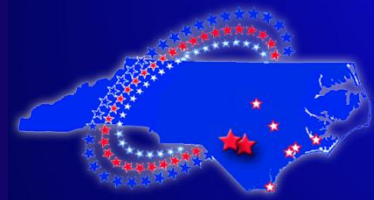


**ALL ★ AMERICAN**

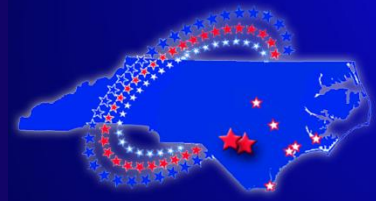
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***DEFENSE CORRIDOR***

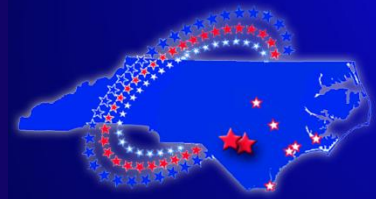
*"Serving the Fort Bragg Region"*



**BREAK**

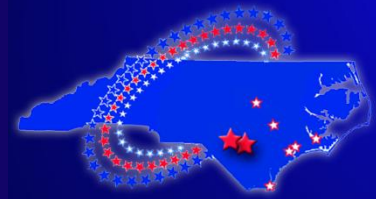


**LUNCH**



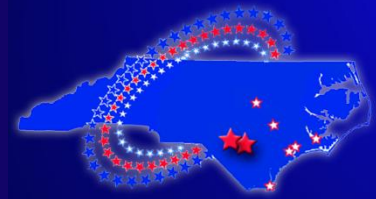
**Doug Earle**

**Deputy Garrison Commander Fort Bragg**

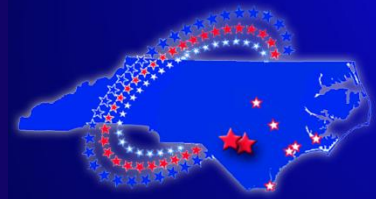


## **Brigadier General Gothard**

**U.S. Army Reserve Command Deputy G-1  
Fort McPherson, GA**

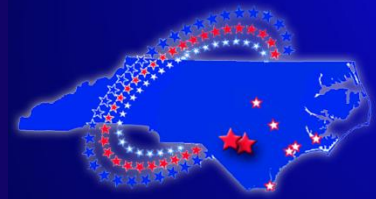


**Major General Rodney O. Anderson**  
**XVIII Airborne Corps and Fort Bragg**  
**Deputy Commanding General**



## **Major General Bromberg**

**U.S. Army Forces Command Deputy G-1  
Fort McPherson, GA**



## Closing Comments

**Greg Taylor**  
**Executive Director, BRAC RTF**