Where Our National Security Begins...
Agenda

- Welcome & Introductions
- Overview
- Sub Committee Status Briefings
- Open Discussion
- Takeaways
- No-Host Social
Introductions
What is the SLAWG?

*Industry, Government, Academic and Community partners self-organizing to discuss matters of mutual concern.*

A WG is...
- Volunteer-based
- Strategic in nature
- Objective (pros & cons)
- Open to participation
- Company-agnostic
- Action and progress oriented
- Focused on goals/outcomes

A WG is not...
- Sponsored by the government
- Restricted in participation
- Proprietary
- A pursuit/capture/networking venue
- A shaping & positioning opportunity
- A venue to recommend products/services
- An open ended discussion forum

*Geospatial Expertise in St. Louis and surrounding regions is of Strategic Importance*
SLAWG Objectives

- Improve geographic literacy in the greater St. Louis area and surrounding regions
- Integration with STEM and/or other similar programs
- Introduce and/or advance Geospatial curriculum in the K through 12th grade levels
- Create engagement strategy between greater St. Louis community and NGA
- Broaden engagement with St. Louis area and surrounding region universities, colleges and community colleges
The following SLAWG Sub Committees have been formed:

- Strategic Steering Sub Committee
- Catalog of Resources Sub Committee
- Messaging Sub Committee
- K-12 Sub Committee
- Internship Sub Committee
- Security Clearance Sub Committee
- Entrepreneur Sub Committee
- University Sub Committee
- Research and Development Sub Committee
Welcome to the Year of GEOINT
Sub Committee Updates
Strategic Steering Sub Committee
SLAWG Career Tracks

**USGIF SLAWG GEOINT Career Tracks**

Provide clear & easily understood pathways to a career in GIS/GEOINT

Have multiple pathways to accommodate various ages, goals, education levels, etc

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**Workforce**

Strategic Objective 1 & 4

Focused on individuals who are:
1. Unemployed
2. Under Employed
3. Looking for a career change

Supported by the following sub working groups
- Internship
- Security Clearance
- Catalog of Resources

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**Education**

Strategic Objective 1, 2, 3 & 5

Focused on students who are:
1. K-12
2. Undergraduate Level
3. Graduate Level

Supported by the following sub working groups
- K-12
- Security Clearance
- Catalog of Resources
- University
- Catalog of Resources

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**Entrepreneur**

Strategic Objective 1 & 4

Focused on individuals who are:
1. Looking to start a business
2. Looking to bid NGA contracts
3. Looking to qualify for 8A, GSA 70, etc

Supported by the following sub working groups
- Entrepreneur
- Security Clearance
- Catalog of Resources

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**Research & Development**

Strategic Objective 1, 4 & 5

Focused on individuals or organizations who:
1. Are/Want to engage in GIS research
2. Are/Want to work on GIS Innovation

Supported by the following sub working groups
- Internship
- R&D
- University
- Catalog of Resources
Strategic Steering Sub Committee

Calendar of Events

- **February**
  - North St Louis Survey (February 3rd at 11am)
  - St Charles Community College Technology Job Fair (February 22 5-7pm)

- **March**
  - Project Connect Neighborhood working Group
  - Choice Neighborhood Meeting

- **April**
  - GEOINT 2018 (22 – 25 April)

- **May**
  - Project Connect Pathway Event
SLAWG Messaging Sub Committee
Deliverables

- Develop SLAWG Website with Partners and Community Sections with links to initiatives, current website: http://usgif.org/community/Committees/SLAWG
- New brochure for St. Louis Community
- 2018 Year of GEOINT Video – 1.5 minutes (any resources?)
- Social Media (Hash tag #SLAWG)
- Talking Points Memo or Pathways Checkpoint for Project Connect Spring Event
Deliverables Schedule

- Final Messaging Committee Charter, January 31, 2018
- USGIF SLAWG Website – IOC, February 28, 2018 (URL)
- Brochure Message Developed: Workforce – TBD
- Brochure Message Developed: Education – TBD
- Brochure Message Developed: Entrepreneur – TBD
- Brochure Message Developed: R&D – TBD
- Catalog of Resources Developed for Inclusion – TBD
- Brochure for Community – TBD
- USGIF SLAWG Website – FOC, April 1, 2018 - Goal
- SLAWG Video Recordings – April 1, 2018 – Need more resources for feasibility
- Video Version Edited – TBD
Guidelines for Messaging Approval

When an idea or draft message is created…

– Set up meeting with Messaging to discuss timeline and intended message ~ early in process
– Coordinate with Messaging to contact SLDC/Project Connect focus group
– Provide substantial time (~ 2 weeks or longer) to submit to Messaging for appropriate approvals

Purpose: Streamline communications/voice and message MUST be clear for audience

– Clarify the audience (what they understand)
– Translate GEOINT terminology
Internship Sub Committee
The Internship Sub Committee is currently working on the following actions

- Gain understanding on local NGA internships
  - Survey NGA on quality of interns, % retained, recurring issues
- Gain understanding on traditional NGA-supporting industry internships
  - Survey industry on focus for interns, % retained, recurring issues
- Gain understanding of traditional intern development processes
  - WashU, SLU, UMSL, etc.
- Gain understanding of non-traditional internship opportunities
  - Ex: LaunchCode, Rankin, etc.
- Discuss current internship processes with innovation community during round-table for best practice identification
Entrepreneur Sub Committee
The Entrepreneur Sub Committee is currently focused on the following actions:

- Identify Entry Points for Entrepreneur’s to support GIS needs in the Saint Louis Region.
  - UPDATE: Briefed in November, Action Closed.
- Identify Elements needed for Entrepreneurship (NGA and GIS focus)
- Identify Stakeholders for Entrepreneurship in the St. Louis community
  - UPDATE: Action Pending Sub-Committee Assessment.
The Entrepreneur Sub Committee is currently focused on the following actions:

- Actions Not Closed from November.
- Identify Stakeholders for Entrepreneurship in the St. Louis community (Update)
  - Review MTC’s Initiative for Cataloging Ecosystem of Resources for Entrepreneurship.
    - Examples given were Space (TREX, Cortex, etc), Programmatic’s (Training and Mentorship), Capital and Investment (Cultivation Capital, etc), Outreach. Goal was Awareness and Accessibility for resources.
    - Possible Interface with “Catalog of Resources” Action taken by SLAWG Catalogue Sub-Committee
- Identify Elements needed for Entrepreneurship (NGA and GIS focus)
  - GIS Shop (TREX).
    - On Thursday, December 21, 2017, Justin Bennett met up with Andy Dearing from Boundless to talk briefly about the TREX "GIS Shop" and ideas surrounding that. Patricia Hagen from the TREX has identified potential funding supporting the effort for a GIS lab at the TREX and all ideas are welcomed. Meeting Thursday Feb 1, 2018 with TREX.
Entrepreneur Action Items (New)

Identify Stakeholders for Entrepreneurship in the St. Louis community (Update)

- Initial Conversations with Dr. Cheryl Watkins-Moore from BioSTL on their Initiatives for Entrepreneurship. A follow up conversation about the program will be necessary.

  - On Thu Dec 14, 2017 2pm – 3pm (CST), I met with Dr Cheryl Watkins-Moore from the BioSTL program and Sherita Haigler of the STEMSTL initiative. The conversation was a surface dive for opportunities supporting Entrepreneurs in the STL area. As a result of the meeting, Sherita was invited to attend the SLAWG sessions as part of the community that could support Entrepreneurship through education. See below for info.

- **STEMSTL Initiative:**
  - STEMSTL is growing to be a collaborative consortium committed to equitable access to high-quality STEM learning for all students in the St. Louis metro region. We aim to:
  - Deepen engagement with STEM and prepare St. Louis’ young people to live and thrive in a globally-connected, technology-driven world;
  - Harness the unique contributions of diverse and unexpected stakeholders to deliver STEM learning for all youth pre-k through 20 years of schooling (P-20); and,
  - Better prepare students to be STEM-literate members of our community.

- **STEMSTL Contact Information:**
  - Sherita M. Haigler - Catalyst
  - St. Louis Regional STEM Learning Ecosystem
  - 314-630-5288
  - sherita.haigler@stemstl.org
Security Clearance Sub Committee
Security Clearance Action Items

The Strategic Steering Sub Committee is currently working on the following actions:

- Created first draft of an informational brochure on security clearances.
  - What the clearance process entails and what to expect
  - Why obtaining a clearance is important and the benefits it provides
- Understanding what paths NGA has in place for non-cleared resources to work on open mission efforts
- Providing feedback to NGA from communities and our industry members on security clearances
  - Adjustment of RFP requirements on clearances
  - Confusion and questions the community has related to clearances
R&D Sub Committee
Sub-Committee Members (thus far)
- Mark Barnett-NGA
- Mark Brickhouse-SLU
- Ness Sandoval-SLU
- Jalil Kianfar-SLU
- Alison Drain-Boundless and WUSTL
- Steve Tupper-MO S&T
- Dinesh Merchandani-UMSL
- Justin Bennett-Geodatait and SLAWG Steering Committee
- Bill Anderson-MODeD/MTC
Research and Development Subcommittee

Needs Analysis
- Who is doing research
- Type/subject of research
- Research needs and assets
- Entrepreneur needs
- Current obstacles/challenges to research and development
- Corporate and university research facilitation-current state
- Wish list for research/researchers
- Resource Center models
Catalog of Services Sub Committee
The Catalog of Services Sub Committee aligns to and will support the following SLAWG objective:
- Generate a baseline Catalog of Services available across the greater St. Louis area supporting geospatial education and outreach

Sub-Committee Members
- David Gwynn – Harris (Chair)
- Kalen Furrer – Boundless
- Karen Thomas – Harris
- William Winston – Washington University
- Matt Ashley – Booz Allen Hamilton
The Catalog of Services Sub Committee is currently focused on generating a catalog with the following characteristics:

- Organized into 5 areas
  - Industry, Academia, Government, Trade Organizations, Other
- Key information about each entity
  - Name/Identity/Affiliation
  - Physical Location
  - POCs, including email address
  - Current local activities (codeathons, outreach, internships, …)
  - Future/planned local activities (internships, jobs, …)

- Laser focus on (1) St. Louis area, (2) geospatial capabilities, (3) education/outreach & (4) networks
The Catalog of Services Sub Committee Goals includes:

- ID rich panoply of existing resources
- Link resources for collaboration
- Facilitate rapid educational/outreach capacity building
  - Build via bootstrapping (vice re-invention)

The Catalog of Services Sub Committee Action Items includes:

- Data call to all SLAWG participants from Kalen Furrer
  - Self identify
    - Local actions/activities only (vice DC internships)
    - Focus on education, outreach, & employment
- Goal to have Version 1 read for review by end of Dec
- Plan to post to SLAWG for feedback
- Will iterate to Version 2 based on feedback
K-12 Sub Committee
K-12 Committee Members

K-12 Sub Committee

- Sub Committee Lead: Sekhar Prabhakar, CEdge Software Consultants
- Steven Thomas Ball, AeroSpace

Members

1. Earline Bell – Stl Works
2. Janet Pinto – Chief Education office Curriki
3. Dr. Alice Prince – SLATE
4. Lindsey Mitchell – USGIF
5. Larry Stahl – CSRA
6. Robeta Lenczowski
7. Lewis J. Collins, NGA HR officer
K-12 Action Items

1. Working on Slides that will show a path to students about GIS, STEM resources all the way through employment

2. USGIF and Curriki will help with content hosting and there may be a small cost associated with hosting services.

3. Contacted to SLU to get some of their slides to show the Courses being offered

4. Next Steps is to Align internships for summer by working with Slate, EDC and industry partners

5. Requesting a list of schools that SLATE and STL partnerships have worked with to meet with this schools and work with designated POC’s from the schools.

6. Starting next month K-12 committee will have biweekly calls to discuss an action plan to establish short terms and long term goals.
University Sub Committee
University Sub Committee

University Sub Committee aligns to and will support the following SLAWG objective:

– Improve geographic literacy in the greater St. Louis area and surrounding regions
– Integration with STEM and/or other similar programs
– Broaden engagement with St. Louis area and surrounding region universities, colleges and community colleges

Sub-Committee Members

– Steven Thomas – Ball (Chair)
– Mark Brickhouse – St. Louis University
– Stephen Tupper – University of Missouri system
– William Winston – Washington University
– Gary Higgs – Harris Stowe
– Lewis Collins - NGA
**Initial Action Items**

- Compile all University events (i.e. career fairs, etc) and ensure they are within the SLAWG calendar of events and are provided USGIF SLAWG support/attendance
- Compile a list of resource needs (i.e. guest speakers, software, problem sets, use cases, data, etc.) that the SLAWG may be able to provide the GIS/GEOINT programs at the academic institutions
- Begin looking into responding to Federal RFPs and Grants that align to our goals and objectives.
- Bring in Community College (i.e. SLCC, SCCC) members into the SLAWG and work to connect these institutions to four year university GEOINT / GIS programs/certifications.
Open Discussion
GEOINT 2018 is April 22 to April 25 in Tampa, FL

The SLAWG will hold two events at GEOINT 2018

- We will hold a discussion panel on Tuesday, April 24 from 9:30 to 10:30
  - Panel will present two main topics to the audience
    - The 4 tracks the SLAWG has developed to provide pathways to GEOINT and GIS careers
    - The way the SLAWG has been able to pull together industry, NGA, city government, state government, academia, community programs, and non-profit organizations and work together in advancing GEOINT and GIS in a region.
  - Panel will include a moderator and a representative from NGA, industry, local government (city and/or state) or community organization, and academia.

- We will hold our April SLAWG meeting on Tuesday afternoon, April 24 at GEOINT
  - This deviation from our normal day and location is to allow people outside of St. Louis to attend the meeting and gain insight into our working group
Takeaways

• Communication is key between members and sub committees
  • Inform Steering Committee of upcoming events
  • Pass all messaging to the Messaging sub committee for approval
• Members should look to join at least one sub committee

Review Action Items
Next Meeting

• Next SLAWG Meeting
  – Wednesday, Feb 28, 2018 from 1pm to 3pm CT
    • TREX Facility, 911 Washington Ave, St. Louis
  – Notional Meeting Agenda
    • Sub Committee update briefs
    • Open Discussion

Future SLAWG Meetings

  – Wednesday, Mar 28, 2018 (1pm to 3pm CT)
  – Tuesday, April 24, 2018 (330pm to 430pm ET)
    • This meeting will be held at GEOINT in Tampa, FL
Contact Info & Additional Information

SLAWG Chairman

- Steven Thomas: Sthomas@ball.com (314) 312-8122
- Andy Dearing: Adearing@boundlessgeo.com (636) 487-1388
- Justin Bennett: Justin@geodatait.com (217) 390-8085
- SLAWG Email: SLAWG@usgif.org

USGIF

- Camelia Kantor: Camelia.Kantor@usgif.org (703) 793-0109 ext. 112
- Justin Franz: Justin.Franz@usgif.org (703) 793-0109 ext. 111
- Lindsay Mitchell: lindsay.mitchell@usgif.org (571) 392-7217

Websites

- USGIF Website: http://usgif.org/
- SLAWG Website: http://usgif.org/community/Committees/SLAWG
No-Host Social