SMART COMMUNITY CORPS
Informational Webinar
3 February 2021

Debra Lam
Kristi Kirkland
Kory Hawkins
Katie Popp
Kris Chatfield
Partnership for Inclusive Innovation

Innovation, Opportunity and Shared Economic Success

• Welcome and Introductions
• GA Smart Overview
• SCC Introduction and Overview
  • Kristi Kirkland- SCC Manager
  • Kory Hawkins – Microsoft
  • Katie Popp – SCC Alum
• Kris Chatfield – Serve Learn Sustain
• Q&A
GEORGIA SMART COMMUNITIES CHALLENGE

Enabling Resiliency and Sustainability through Academic Research and Public Sector Collaboration
Mission

The Georgia Smart Communities Challenge is a first-of-its-kind Grant Challenge for communities of any size in the state of Georgia to receive funding and support to enable four winning communities to envision and plan for their Smart future.

To spur smart community development throughout GA

To position GA as a smart community leader
⅔ of GA represented
# 2020-2021 Projects

<table>
<thead>
<tr>
<th>Location</th>
<th>Project Description</th>
</tr>
</thead>
</table>
| Clayton County | Smart Pedestrian Planning  
Building a decision support system for transport project prioritization to promote mobility equity and identify smart technologies to support walkability in the community  |
| Sandy Springs   | Streamlining Suburban Transit  
Partnering with MARTA bus service to pilot Transit Signal Priority (TSP) technology using bus location data  |
| Savannah       | Savannah Blight, Civic Data Science for Equitable Development  
Exploring applications of emerging data analytics to guide decision to deal with blighted and vacant properties  |
| Valdosta       | A Traffic Monitoring and Communication System to Improve Safety, Connectivity, and Efficiency  
Piloting a smart traffic management system that connects 128 city traffic signals |
OUR MISSION
The Georgia Institute of Technology is a public research university established by the state of Georgia in Atlanta in 1885 and committed to developing leaders who advance technology and improve the human condition.
Question

- How to engage with students?
- How to prepare students to lead smart cities?
- How to better support communities?
- Research by Nathaniel William Horadam and Abigail Marinelli
GA Smart Timeline

2020 Mar
Launched Challenge

August
Announced
Winners

September
Projects Began

2021 March
Project Midterms

May-Aug
Smart Community Corps

September
Final Presentations

Site Visits, Webinars, Newsletters, Conference Calls
Kory Hawkins
University Relations Lead
Microsoft
Smart Community Corps Benefits

- Work experience in a local government in smart community topics
- Up to $8,000 stipend
- Project Pair Model
- Professional and Research mentor
- Educational seminars and programming
- Support of GA Smart staff throughout
- Networking Opportunity - within cohort and wider alumni and GA Smart community
Smart Community Corp Timeline

2021, Jan-Feb
Rolling Applications

Feb 26th
Application Deadline

March
Selected Interviews

March 17th
Finalist Notified

May 17th – August 6th
Smart Community Corps Internship

September
Final GA Smart Presentations

Conference Calls, Seminars, Blogging/Tweeting, Mentoring
Program Requirements

- Commit to the entirety of the twelve-week work period (May 7-August 6)
- Participate in the **Serve-Learn-Sustain (SLS)** internship seminar that meets every two weeks (virtually)
- Set program goals with placement supervisor, including work location and hours
- Submit written monthly progress reflections to SCI2
- Submit written blog reflections to SCI2 at end of internship
- Participate in monthly meetings with your mentor (in-person or remotely)
- Post updates of internship on SCI2 Twitter account throughout the internship
- Prepare and present a mid-term and final project presentation of completed work
- Completion of an end-of-summer survey on their SCC experience
Placement:

SCC Pair Model - Each community opportunity will place interns in pairs (1 Georgia Tech student and 1 student from another university) to work together on a project.

- (2) SCC interns placed in each of the GA Smart Communities - Clayton County, Sandy Springs, Savannah and Valdosta
- (2) SCC interns placed in the Socially Aware Mobility Lab Project
- Open to undergraduate or graduate students of all majors
Katie Popp
SCC Alum
City of Woodstock
Thoughts from 2020 SCC Interns:

“The SCC internship is a fantastic gateway for students looking to gain real world experience in the public and private sector while still simultaneously encouraging us to keep learning, asking questions, and pushing boundaries on what we thought was possible as an intern!”

“The SCC program helped me learn more about channeling research at the institutional level to specific projects that really impact the live of people in local communities. I’m so thankful for the relationship I built with my community and for my overall experience with SCC.”
2021 Summer Internship Opportunities

- **Clayton County** - Smart Pedestrian Planning, *Open to Georgia Tech, Clayton State University, and AUCC students only (AUCC: Clark Atlanta University, Morehouse College, Morehouse School of Medicine, and Spelman College)*

- **City of Sandy Springs** - Streamlining Suburban Transit, *Open to Georgia Tech and AUCC students only (AUCC: Clark Atlanta University, Morehouse College, Morehouse School of Medicine, and Spelman College)*

- **City of Savannah** - Savannah Blight, Civic Data Science for Equitable Development, *Open to Georgia Tech, Georgia Southern University, Savannah State, and SCAD students only*

- **City of Valdosta** - A Traffic Monitoring and Communication System to Improve Safety, Connectivity, and Efficiency, *Open to Georgia Tech and Valdosta State University students only*

- **Socially Aware Mobility Lab** - Piloting On-Demand Multimodal Transit in Atlanta (PODMTA), *Open to Georgia Tech and AUCC students only (AUCC: Clark Atlanta University, Morehouse College, Morehouse School of Medicine, and Spelman College)*
Website & Links

Smart Community Corps Homepage
https://smartcities.ipat.gatech.edu/smart-community-corps-program-overview

2021 Smart Community Corps Apply Page
https://smartcities.ipat.gatech.edu/apply-smart-community-corps

Application (Qualtrics Form)
https://gatech.co1.Qualtrics.com/jfe/form/SV_abn90PT2ZPcldal
Website

Apply for Smart Community Corps

Smart Community Corps is now accepting applications for the summer of 2021!

Interested students can attend our virtual Information Session on Feb. 3rd from 12noon-1pm.

REGISTER

The Smart Community Corps (SCC) is the first statewide program of its kind for civic-minded students to gain hands on smart city experience. Working as a summer cohort and in community pairs, interns are placed into local municipalities to support smart technology projects that are dedicated to creating livable and equitable communities. In addition to a full-time summer stipend, SCC are provided curriculum programming in sustainability, innovation, career development and mentorship. The program is open to both Georgia Tech and other Georgia college undergraduate and graduate students.

SCC Collaborators and Pair Model:
The Smart Community Corps internship is a joint collaboration with the Georgia Tech Center for Serve-Learn-Sustain (SLS), the Georgia Tech Career Center, and the Student Government Association (SGA). Through this partnership, our summer cohort of interns will participate in bi-weekly programming and educational seminars that introduce students to theories of grassroots sustainability/innovation, as well as career development, writing, and mentorship. SCC internships are funded by a generous gift from Microsoft Corporation to advance students’ experiences working on real-life problems in a community environment as a way to apply their skills and improve the lives of residents.

We work with higher education institutions in Georgia, such as Valdosta State University and AUC Data Science Initiative to open the internship opportunity to both Georgia Tech and other Georgia college students. Each community opportunity will place interns in pairs (1 Georgia Tech student and 1 Georgia college student) to work together on a project. The aim is to bring students together with complementary skillsets, experiences, and expertise so that together they can learn from each other and leverage their joint work for cross-learning and co-creation with the community. The pair also works closely with the designated Georgia Tech lead researcher for research guidance and expertise. Together, the community and the students benefit from the joint university,
Application

• **Info Required**
  • Name
  • Contact Info
  • Citizenship Status
  • College/University
  • College Major/Minor
  • College Year/MS/PhD
  • Project Preference Ranking

• **Written Statements**
  • Describe your professional aspirations
  • Why are you interested in this internship?

• **Attachments:**
  • Resume
  • Letter of Recommendation (from faculty or employer)
WELCOME TO
SERVE-LEARN-SUSTAIN (SLS)

AMPLIFYING IMPACT SINCE 2016
SLS works with all six colleges to offer students opportunities inside and outside the classroom to collaborate with diverse partners - across the community, nonprofit, government, academic, and business sectors – on key sustainability challenges.

Through SLS, students learn to use the knowledge and skills they are acquiring at GT to help “create sustainable communities.”
SLS offers 5 signature programs with different levels of commitment:

**Signature Programs**

- **Sustainable Cities Minor**
- **Innovating for Social Impact**
- **Internship Program**
- **Events and Workshops**
- **RCE Greater Atlanta**
We also offer these additional courses and programs:

**SLS Courses**

- **Affiliated Courses**
- **SLS Foundation Courses**
- **Study Abroad**

[Search all SLS Affiliated Courses](#)

[Learn More](#)

[SLS Affiliated Study Abroad Programs](#)
SLS approaches sustainability:

- as an *Integrated System*
- with a special focus on *Society/Social Sustainability*
SLS APPROACH TO “CREATING SUSTAINABLE COMMUNITIES”

SLS programs focus on these priority sustainable communities issues:

• Community Health
• Equitable & Sustainable Development
• Green Infrastructure
• Climate Change & Energy
SLS SUMMER INTERNSHIP PROGRAM

- An opportunity for students looking to gain real-world experience related to sustainability and community engagement.
- Interns will earn internship course audit credit and receive a summer stipend.
- Full-time (30-40 hours per week) and part-time (15-20 hours per week) internships available.
- Students participating in the SLS Internship must enroll in the SLS Internship Summer Seminar.
  - Meets one evening every other week for two hours. In-person and distance options (depending on internship placement location)
  - Introduces students to theories of grassroots sustainability innovation.
  - Provides students with an opportunity to reflect on their internship experiences.
  - One semester of the SLS Internship Program, combined with the internship seminar, fulfills the ENGAGE requirement of the SLS Innovating for Social Impact Program.
Visit the SLS website:  
www.serve-learn-sustain.gatech.edu

Subscribe to the SLS email list:  
http://sls.gatech.edu/mailing-list/register

Contact us – we’d love to talk to you!  
serve-learn-sustain@gatech.edu
Special thanks to our Collaborators

- GT Center for Serve-Learn-Sustain (SLS)
- GT Center for Career Center
- GT Student Government Association
- Microsoft
Thank you

Contact SCI2

sci2@gatech.edu