

Fall 2018
Users Group Conference
Tuesday, November 27th
Stony Brook University
Wang Center Theatre

AGENDA

8:30 – 9:30

Registration and Networking

Please Sign In - Become an official member of LIGIS by creating an account on www.LIGIS.org

9:30 - 9:45

Introduction and Opening Remarks

Ross Baldwin - Long Island GIS Chairman

9:45 - 10:00

Welcome to Stony Brook University

Sung-Gheel Jang, PhD. - Director of Geospatial Center and the GIS programs at School of Marine & Atmospheric Sciences

10:00 – 10:45

Signs of Life

P.O. James S. Garside - Suffolk County Police Department

When heading out for a hike on a trail, how often do you think about the importance of being able to report your location should an emergency occur? Suffolk County Police Officer James S. Garside initiated a project to establish trail markers incorporating GIS technology to more efficiently respond to such emergencies.

10:45 – 11:15

GIS approaches to Emergency Field Staffing & Response

Mustafa Ali (Moose), MPH - City Research Scientist - Office of Emergency Preparedness, Emergency Field Operations, NYC Dept of Health and Mental Hygiene

New York City is tasked with providing services during public emergencies. The Points of Dispensing (POD) operations addresses the need for deploying PODs and staff to dispense prophylaxis to the public after an identified public health emergency. The Post-Emergency Canvassing Operations (PECO) has teams of volunteers canvassing targeted areas of NYC after a major loss of essential services for a period of 48 hours or more. Residents are surveyed and referred to partner providers for essential services. Using GIS, the Department of Health has leveraged New York City's workforce to staff PECO and POD operations and provide services to the public during these public emergencies.

11:15 – 12:15

Mapping and Analyzing Social Media Landscapes to Understand Music Venue Customer Satisfaction, Long Island, NY

Emily A. Fogarty, PhD. - Assistant Professor, History, Politics & Geography, FSC

The rise in the popularity of social media websites like Twitter, Instagram and Facebook has increased the amount of social media data available to map and measure. Using Social Network Analysis (SNA) and visualization software tools and techniques for social media mapping, this research explores the virtual geography of social media data as a useful measure of customer satisfaction, specifically for music venues found on Long Island. Geography is a key factor in the success of a customer driven business entity like a music venue. While the physical locations of the venues on Long Island have been mapped, the geography of the social media landscapes remains largely unknown. Understanding and quantifying customer satisfaction is arguably equal to location in terms of measuring the economic success of a music venue. Online surveillance of social networking sites has become the latest tool in the techniques for measuring customer behavior. The continued use of social media websites and the rise in people commenting on their experiences using social media sites provides a wealth of measurable, mappable social network data to help music venues quantify customer satisfaction.

Come join us for GeoTrivia at 1:15pm sharp!

1:30 – 2:30

Coming Soon: ArcGIS Online User Types & ArcGIS Field Apps

Gerry Aiken & Mark Scott - ESRI

ARCgis ONLINE USER TYPES - Esri was listening to the customers when they said “ArcGIS Online is great but we need flexibility and scalability in the system”. Presenting User Types, the new way that Esri will allow the creation ArcGIS Online users on Dec 5th. . User Types, the building blocks of ArcGIS Online subscriptions, allow you to match team members with the capabilities and apps they need to complete their work. Come see a preview of the new User Types and a discussion on capabilities, included applications, compatible add-on apps and pricing.

ARCgis FIELD APPS - This session provides an overview of the ArcGIS Field Apps which includes: Workforce for ArcGIS, Navigator for ArcGIS, Collector for ArcGIS, Survey123 for ArcGIS, and Explorer for ArcGIS. It will also present the general field apps workflow and how these apps can be deployed in a unified workflow.

2:30 – 2:45

Drones in Town Planning

Liam Trotta- Planner - Town of Smithtown

The Town of Smithtown has recently begun using drone technology for town planning. Drones can provide up-to-date imagery compared to using limited public aerals that may be dated. Smithtown has used drone photography in site design and development, erosion monitoring, traffic impacts, and night lighting analysis. The drone has benefited the Planning Department by offering staff a unique new perspective in geospatial analysis, which has contributed to more informed, comprehensive decision making.

2:45 – 3:15

A GIS-Centric Modus Operandi for Infrastructure Improvements

Keven M. Gildea, Melisa Ennella, Christopher Kobos, William Selders, Justin Eddings - H2M

The component of a public water distribution system are commonly designed with a 100-year lifetime which requires water purveyors to replace approximately one-percent of their systems annually. However, capital improvements in historically urban areas routinely encounter obstacles that make projects difficult to execute. To compound the issue, constructed and existing assets are subsurface assets that are only visible for a timeframe of hours throughout their 100-year lifetime. To solve the multitude of issues that the water purveyors are faced with, H2M created a GIS-centric method of managing water distribution construction projects using ArcGIS Online, ArcMap, Survey 123, and Collector by ESRI.

3:15 – 3:30

Utilizing Geodesign for Restoration Efforts in Quantuck Bay, NY

Lucy R. DiBenedetto - Stony Brook University, 2019

Quantuck Bay is an approximately two-square mile body of saltwater situated on the southeastern part of Long Island. Over the past 15 years, there has been a noticeable darker color in the water column paired with a decline in water quality; as a resident of the area, this has been an ongoing concern of mine. In 2012, the Shinnecock Bay Restoration Program (“ShiRP”) started efforts to restore the bay; prior to their involvement, there was limited data recorded on the bay’s actual conditions. Through geodesigning techniques, water quality trends and effects from groundwater contamination were able to be analyzed and studied to create possible methods of restoration that will improve the bay’s health.

FOR THE LATEST INFORMATION ON LIGIS, GIS EVENTS, AND GIS

Please visit: www.LIGIS.org

(Create a username and password to access the "Forum")

Long Island Rail Road

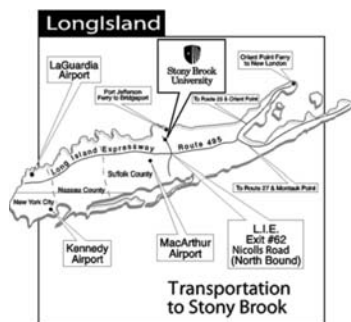
Call (631) 231-LIRR for schedules and rates. Take the LIRR Port Jefferson line to Stony Brook. SBU bus service is scheduled to adhere closely to the LIRR arrival and departure times, picking up and dropping off passengers at the LIRR bus stop (campus side of the station). Enhanced bus service is provided during anticipated peak LIRR usage, such as the beginning and end of semesters, Friday afternoons, and Holidays. mta.info/lirr

Suffolk County Transit

Call (631) 852-5200 for schedules, rates, and routes for transit service between campus and off-campus locations. sct-bus.org

Taxicabs

A Cab Service: (631) 588-8881
Lindy's Taxi: (631) 473-0707
Quality Taxi: (631) 585-8900



SB ALERT SB Alert is a communication system used by University officials to provide warnings and emergency information using text, voice, and e-mail messages. Sign up today for this important service in SOLAR—just click on the SB Alert icon.

Important: Even if you have received emergency messages in the past, you must visit the [web page](#), verify your information, and indicate that you wish to continue to receive emergency alert notifications.

Stony Brook University is an affirmative action/equal opportunity educator and employer. This material is available in an alternative format upon request.

Transportation & Parking Services Mission Statement

We are dedicated to satisfying our customers with efficient and convenient transportation and parking services in support of the diverse missions of our University.

Parking on Campus

All vehicles utilized at Stony Brook University must be operated within the guidelines specified by the Stony Brook University (SBU) Parking Rules and Regulations. Parking permits are color coded and correspond to signs posted at each parking lot. Parking permits are required for all color coded parking areas, parking garages and visitor parking areas. Vehicles utilized at Stony Brook University are only permitted to park in a legal parking space, which is defined by two parallel lines painted on asphalt. Please refer to the map inside for more information on parking lot locations and color designations.

Parking Permits

SBU parking permits and additional information on SBU Parking Rules and Regulations can be obtained by visiting: stonybrook.edu/parking. Parking permits may also be obtained during the academic class registration process through the SOLAR System. SBU parking permits may not be transferred to another person.

Parking Facilities

Permit Parking

♦ **Commuter Students (Brown or Green)** have the following parking options:

Commuter (Green): Commuter students are eligible for a green commuter parking permit, which allows for parking in either North or South P Lots, or in the green commuter section of the Gym Road Parking Lot. SBU Transit provides connecting transportation from all green commuter parking lots all areas of the Stony Brook campus.

Premium Commuter (Brown): Commuter students may also choose to purchase a brown commuter parking permit, which allows for parking in the brown commuter section of the Stadium Lot. Visit stonybrook.edu/parking for further information. The

Helpful Telephone Numbers

- SBU Transit(631) 632-6418
stonybrook.edu/commcms/transportation-and-parking/
- Parking Information and Permits . . .(631) 632-AUTO
stonybrook.edu/commcms/transportation-and-parking/
- University Information(631) 632-6000
stonybrook.edu
- University Police(631) 632-3333
stonybrook.edu/police
- Emergency (from a non-campus phone) . . .632-3333**
- Emergency (from a campus phone)911**
- Campus Ride Service(631) 632-RIDE
- Student Walk Service(631) 632-6337
- SBU Wolf Ride Bike Share(631) 632-4438
- Snow Emergency .(631) 632-SNOW / (631) 444-SNOW
- Academic Advising(631) 632-7082
stonybrook.edu/commcms/advising/
- Bursar(631) 632-9316
stonybrook.edu/bursar
- Campus Residences(631) 632-6750
stonybrook.edu/commcms/studentaffairs/res/
- Commuter Student Services(631) 632-7353
stonybrook.edu/commcms/studentaffairs/css/
- Counseling Health Services(631) 632-6720
stonybrook.edu/commcms/studentaffairs/caps/
- Student Accessibility Support Center (631) 632-6748
stonybrook.edu/dss/
- Financial Aid(631) 632-6840
stonybrook.edu/commcms/finaid/
- Off Campus Housing(631) 632-6770
och.stonybrook.edu
- Student Affairs(631) 632-6700
stonybrook.edu/commcms/studentaffairs/stu/
- LIRR Information(631) 231-LIRR
mta.info/lirr
- Orient Point Ferry to New London . .(631) 323-2525
longislandferry.com
- Port Jefferson Ferry to Bridgeport . .(631) 473-0286
88844ferry.com
- Suffolk County Transit(631) 852-5200
sct-bus.org

[Sept19 - 1500]

stadium lot is a 5-minute walk to the Academic Mall. * Note: Stadium permits are valid in the lot corresponding to the permit name and in all Commuter lots.

♦ **Resident Zones 1-6:** Residents with junior (U3) or senior (U4) status and apartment residents are eligible for resident zone permits. Resident Zone parking permits are assigned based on residents dormitory location.

♦ **Faculty/Staff/Affiliates (Red or Brown):** Have the following parking options:

Faculty/Staff (Red): Some Faculty/Staff parking lots are 24-Hour Restricted, as noted by a timeclock on the color coded map. **(24)**

Premium Faculty/Staff (Brown): Faculty/Staff may choose to purchase a brown parking permit, which allows for parking in either the Life Sciences 1, 2 premium parking lots.

Garage Parking

Faculty/Staff, GSEU, Affiliates and Medical Students may purchase parking garage services from either the Bursar, East Campus Card Office, Hospital Parking Garage Office or online. Evening students may only purchase garage services for the Health Sciences Center and Administration Parking Garages for access between 3:00PM and 11:00PM. Please see the options chart and/or visit stonybrook.edu/parking for additional information. Should you have any questions, please contact: West Campus: Transportation & Parking Operations (631) 632-6219 or East Campus: Hospital Parking Garage Office (631) 444-6608.

Free Parking

- From 4:00PM to 7:00AM weekdays and all weekend anyone may park in any unrestricted lot or space.
- Metered lots are free from 7:00PM to 7:00AM, Monday through Friday and all day Saturday and Sunday.
- Parking in the Administration Garage is free on weekends.

Visitor Parking

Visitors may park in the Administration garage at a rate of \$4.00/hour, \$28.00/day; or in any Metered lot. (See chart for rates.)

ADA Accessible Parking

All lots and garages have ADA accessible parking spaces. Garage ADA parking is subject to the parking garage fees.

PARKING MAP

Academic Year
Effective 2018-2019

stonybrook.edu/parking

Stony Brook University

Parking Option Chart

TYPE OF FACILITY	RATE	HOURS	ELIGIBILITY	COLOR CODE
GARAGES	16.24/MO	24	F/S UUP, PEF, CSEA, Counsel 82	N/A
	11.37/MO	2:30 p.m.-11:00 p.m.	Evening Students Only	N/A
	22.72/MO	24	All non-union F/S and GSEU Students	N/A
	35.00/MO	24	Hospital Visitor	N/A
	30.00/MO	24	Vendor/Affiliates	N/A
STADIUM & SOUTH CAMPUS PERMITS	275.00/Calendar Yr	7 a.m.-4 p.m. M-F	Undergraduate & Graduate Students	
LIFE SCIENCES PERMITS 1&2 ONLY	400.00/YR	24	Fac/Staff	
RESIDENT ZONE PERMITS	FREE	7 a.m.-4 p.m. M-F*	JR & SR Residents	
FAC/STAFF PERMITS	FREE	7 a.m.-4 p.m. M-F*	Fac/Staff	
COMMUTER PERMITS	FREE	7 a.m.-4 p.m. M-F	Undergraduate & Graduate Students	
PAY STATION METERS	2.50/HR 17.5 0/DAY	7 a.m.-7 p.m. M-F	Open	N/A
ELECTRIC VEH CHARGING STATION	1.00/HR	24 Hour	Open	

NOTE: All rates are subject to change without notice.
* Some Faculty/Staff and Resident Zone lots are enforced 24 hrs. per day, as indicated by signage at the lot. All State Only, Special Service Only and State & Special Service Only parking spaces are enforced 24 hours per day.

SBU SMART TRANSIT

FOR LIVE TRANSIT INFORMATION,
VISIT US ONLINE, OR
DOWNLOAD OUR MOBILE APP AT:
stonybrook.edu/sbusmarttransit



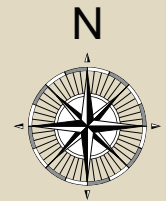
SBU CAMPUS DINING LOCATIONS



Stony Brook University

General Information (631) 632-6000
University Police (631) 632-3333

Campus Map



STUDENT ACTIVITIES CENTER

- Omelets
- Global Flavour
- Deli
- Noodles
- Grill
- Tuscan
- Skillets
- Salad Bar
- Soup
- Stir-Fry

SAC BUS LOOP

EAST SIDE DINING

- Chef's Kitchen
- Deli Bar
- Grill
- Italian
- Oasis** Station
- Vegan Delights
- Salad Bar

RETAIL

- Cocina Fresca
- Delancey St. Kosher
- East Meets West Deli
- Halal New York & Mezza Grill
- Island Soul
- Grill Express
- Italian Express

JASMINE

- Indian
- Chinese
- Korean
- Sushi
- Tea House

MELVILLE LIBRARY

ADMIN CART

- Coffee & Bakery
- Sandwiches & Snacks
- Salads & Soups
- Sushi

WEST SIDE DINING*

- Bob's BBQ Grill
- Corner Cafe
- Golden Bowl
- Kelly Deli
- International Market
- Vegan Delights
- Fired Up Pizza
- Oasis** Grill
- Salad & Pasta Bar
- Taste Changers

RETAIL

The Market @ West Side

HDV/GLS CENTER

- Bagels & Sandwiches

ROTH FOOD COURT

- Brunch All Day
- Fuze Pan Asian Express
- Smash N' Shake
- Tuscan Bistro

TABLER MARKET

LIFE SCIENCES

UNIVERSITY HOSPITAL

LEGEND

- Dine-In Location**
Use a meal swipe or pay with Dining Dollars, Cash, Credit, or Wolfe Wallet
- Retail Location**
Pay with Dining Dollars, Cash, Credit, or Wolfe Wallet

*West Side Dining is a nut-sensitive facility.
**Oasis is allergen friendly.

TEXT 24587 with keyword 'TeISBUeats' to share your comments with us, and with keyword 'SBUWhatsOpen' to see which campus dining locations are open when.

By texting 24587, I agree to receive text messages from Campus Dining to my mobile phone number. Text Stop to 24587 to opt out. Text Help to 24587 for help. Msg & data rates may apply.

STONYBROOK.EDU/DINING

SBU EATS **SBU_EATS**

Follow us on social for specials & events!

