Friday, July 19, 2019 UH Computer Science REU Fieldtrip

NASA Johnson Space Center (JSC) 2101 NASA Road 1 Houston TX 77058

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REU Coordinator: Zechun Cao, zechun.cao@gmail.com, 832-356-7028 (mobile)

This is a "Behind the Scenes" tour of some selected labs at NASA JSC. We will be escorted into several buildings and labs and provided tours by computer scientists/engineers and student interns. We are not going to the "Space Center Houston" which is a popular tourist place.

REMINDERS:

- Must be US Citizen or US Permanent Resident to enter JSC
- Bring 2 forms of unexpired IDs (refer to the attachment for approved IDs)
 - One must be a valid Federal or State government issued picture ID such as your driver's license, passport, permanent resident card, etc.
 - The second ID can be another valid Federal or State government issued picture ID or your U.S. School ID card with photograph.
- Expect walking outdoors, so wear comfortable shoes and cool clothing.

AGENDA:

Time	Activity/Speaker	Location	
7:30 AM	Meet at the front driveway outside Moody Tower	UH Moody Tower Driveway	
7:45 AM	Leave UH - DO NOT DRIVE TO THE SPACE CENTER	Carpool	
8:30 AM	Arrive at JSC Main Security Gate	2101 NASA Road 1 Park at	
	Inform security guard at gate that you need to park at 110 (Rocket Park parking closed this year) and are meeting Lorraine Prokop for tour	Building 110 – right side of gate	
8:35 AM	Sign in, ID check, and get visitor wristband. Van ride to building 57 by NASA personnel)	Building 110 - Security	
08:55-09:30 am	Talk: Dr. Lorraine Prokop, Computer Scientist	Bldg. 57 Rio Grande Room	
09:40-10:00 am	Lab Visit: IGOAL / Sharon Goza	Bldg. 16/2000	
	(Integrated Graphics Operations & Analysis Lab)		
10:05-10:25am	Lab Visit: Prototype Immersive Technology (PIT) Lab / Connor Jakubik, Student Intern	Bldg. 16E, 2115	
10:30-10:50	SAIL – Shuttle Avionics Integration Lab	Bldg. 16	
11:00-11:40	MCC – Mission Control Center	Bldg. 30	
11:50-12:30	Space Vehicle Mockup Facility (SVMF), Robotics & Rovers (will have access to Orion and Soyuz mockups today)	Bldg. 9 floor access	
12:40 PM	Back at main gate, Guided tour ends		
12:40-1 pm	Rocket Park, Free tour without guide	Rocket Park	
1:00 pm	Group Lunch / Drive back to UH		

The below listing details the Office of Management and Budget's (OMB) approved documentation <u>required</u> to obtain a NASA Federal Credential / Photo Identification Badge

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Two identity sources are required

One must be a valid Federal or State government issued picture identification. The other identity source must be one of the following documents:

List of Acceptable Documents to Accompany a Federal or State Photo Identification

- 1. U.S. Passport (unexpired)
- 2. Permanent Resident Card or Alien Registration Receipt card (Form I-551)
- An Unexpired Foreign Passport with a Temporary I-551 Stamp
- 4. An Unexpired Employment Authorization Document that contains a Photograph (Form I-766)
- 5. An Unexpired Foreign
 Passport with an
 Unexpired ArrivalDeparture Record,
 (Form I-94 or I-94A),
 bearing the same name as
 the passport and
 containing an endorsement
 of the alien's nonimmigrant
 status, if that status
 authorizes the alien to
 work for the employer
- 6. Unexpired Driver's License or ID Card issued by a state or outlying possession of the United States provided it contains a photograph or information such as name, date of birth, gender, height, eye color and address
- 7. Unexpired ID card issued by United States federal, state or local government agencies or entities, provided it contains a photograph, or information such as name, date of birth, gender, height, eye color and address

- 8. U.S. School ID card with a photograph
- 9. U.S. Voter's Registration Card
- 10. U.S. Military Dependent's ID Card
- 11. U.S. Military card or draft record
- 12. U.S. Coast Guard Merchant Mariner Card
- 13. Native American Tribal Document
- 14. Unexpired Driver's License Issued by a Canadian government authority
- 15. U.S. Citizen ID Card (Form I-197)
- 16. ID Card for use of Resident Citizens of the United States (Form I-179)
- 17. Unexpired Passport from the Federated States of Micronesia (FSM) or the Republic of the Marshall Islands (RMI) with Form I-94 or I-94A indicating nonimmigrant admission under the Compact of Free Association Between the U.S. and the FSM or RMI

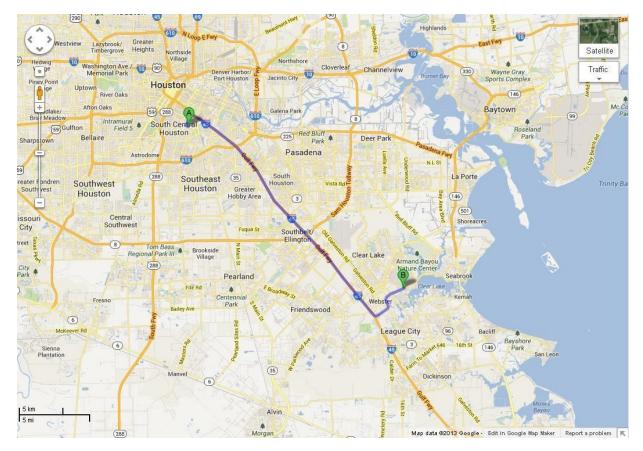
- 18. U.S. Social Security
 Card issued by the
 Social Security
 Administration (other
 than a card stating it
 is not valid for
 employment)
- 19. Certification of Birth or Birth Abroad issued by the Department of State (Form FS-545 or Form DS-1350)
- 20. Original or Certified copy of birth certificate issued by a state, county, municipal authority or outlying possessions of the United States bearing an official seal
- 21. Unexpired
 employment
 authorization
 document issued by
 DHS

U.S. CITIZENS <u>UNDER</u> 18 YEARS OF AGE MAY PROVIDE:

- 22. School Record or report card
- 23. Clinic, Doctor, or Hospital Record
- 24. Day-care or Nursery School Record

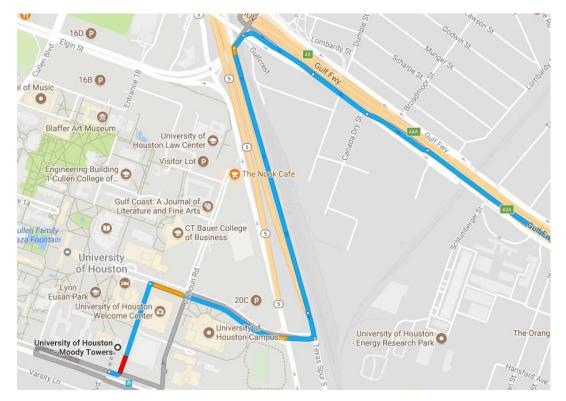
Driving Directions

(REU student drivers, please make sure to read through all directions below BEFORE you start.)

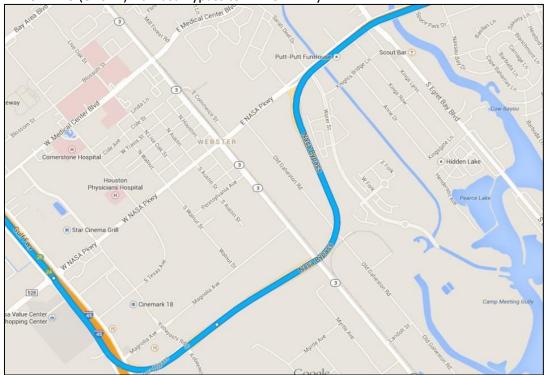


UH (A) to Space Center (B) About 24 miles, 30 minutes without traffic

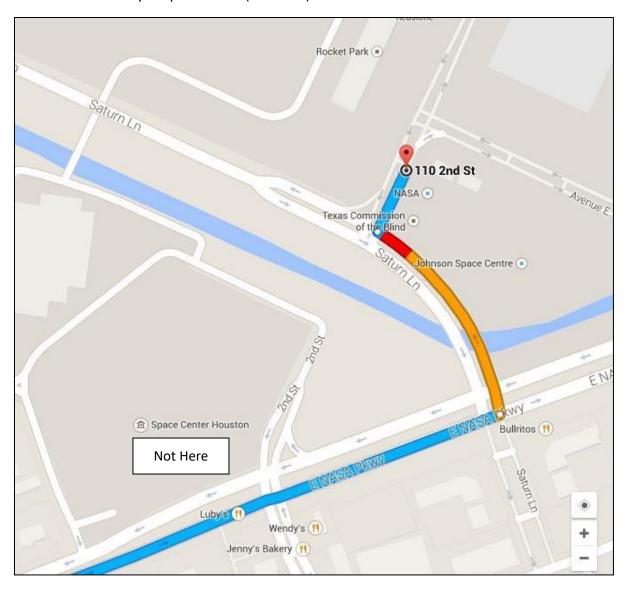
- Get on I-45 from Wheeler Ave
- Turn right onto Gulf Fwy
- Take the I-45 S ramp on the left to Galveston
- Take exit 24 toward NASA 1
- Merge onto NASA 1 Bypass E
- Continue onto E NASA Pkwy
- Do not turn left at the "Second Street" into Space Center Houston.
- Turn left on Saturn Lane to the NASA Visitor Center
- As you are approaching the Guard at the Gate, turn right into "Second Street" (there is only one street on the right, but it is called Second Street).
- Read direction #4 below to park your car, and meet with Lorraine in Building 110.
- 1. From Moody Tower to the I-45, stay on the right-most lane when you turn into Spur 5.



2. From I-45 (exit 24) via Nasa Bypass to E NASA Pkwy



3. From E NASA Pkwy to Space Center (Saturn Ln)



4. From NASA Road 1- turn onto Saturn Lane. Get in the left lane to enter JSC. This is the main gate. At the main gate tell the guard you are meeting Lorraine Prokop at building 110. Tell them you need to park at Rocket Park. They will direct you to the parking lot (it is circled on the map above in red. It is across from bldg. 110.

Loraine will be inside building 110 waiting on you. (Circled in blue) DO NOT GO TO SPACE CENTER HOUSTON. IF YOU ENTER WHERE TWO PLANES ARE – YOU ARE IN THE WRONG PLACE.

