



# ICE-T Education & Outreach Activities

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ICE-T meeting  
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# Survey Results (Thanks for responses!)

- **5 PIs would like to be mentors** for REU participants, with 5 more “maybe” responses.
- **5+ graduate students** may be able to help out at various times during the project
- **RAF staff will host two days of students and public touring the C130** (one on St. Croix and another on Puerto Rico)



# University of Virgin Islands (UVI)- St. Croix

- Initial contact made with **Emerging Caribbean Scientists (ECS)** steering committee at UVI– plan to talk with head of program after April 6
- Will find **undergraduates** interested in summer research experience by grouping with ICE-T mentor/grad student
- Will **advertise our C130 tour day** at St. Croix
- Other **interested faculty** may want to see our operations?

# University of Puerto Rico

- We'd also like to **host a day of touring the C130** for students and general public on Puerto Rico– airports currently being discussed
- Will soon contact **local meteorologist** who will advertise event to general public (set up through Olga)
- **Olga Mayol-Bracero** has lined up contacts for finding REU students that may want to do research remotely (from PR) with one of our mentors
- Prof. Ana Rita Mayol is leading a K-12 program as part of the Center of Resources for Science and Engineering at UPR. She is very interested in the data, & having the C-130 tour at PR for high school and university students
- Prof Gerardo Morell is director of the NASA Space Grant program. He could probably send 2 undergraduate students to spend the month at STX.



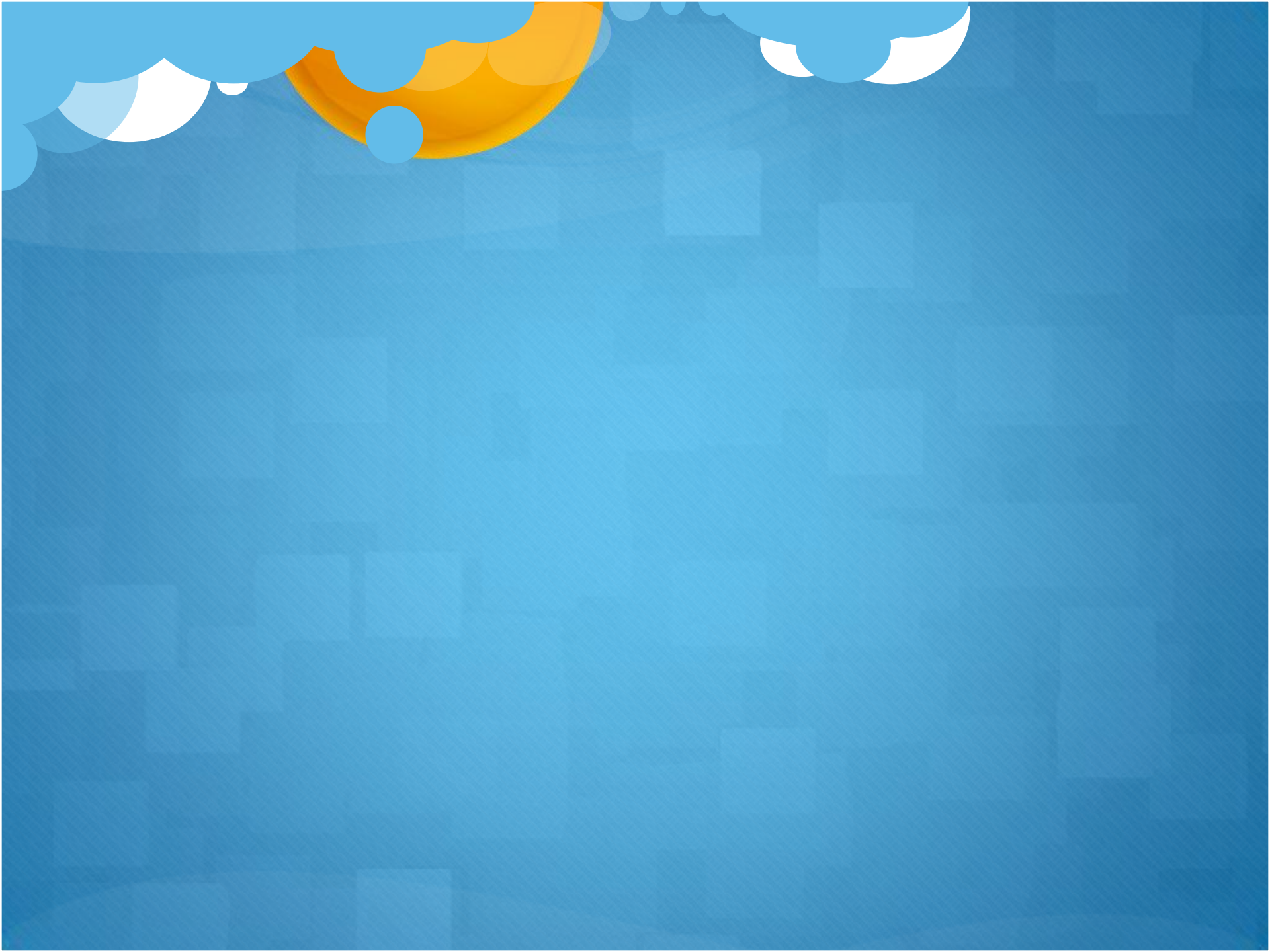
## Other (possible) activities?

- Any pertinent SOARS protégés? Should we contact Raj to see?



# For ICE-T Grad Students


- **Helping with outreach– already discussed**
- **A more interactive ops center?**
  - **Projectors showing various data in real time on walls- realtime discussions at ops center**
  - **Sharing of analyses in the field on down days**
- **Scheduling students on C130 flights– Jorgen Jensen will organize?**
  - **2(?) open “observer” seats on C130 w/ AEROS display**
  - **Operator for GNI**
  - **Logging forecasting products (& other items, like gif files from WCL?) to field catalog**
- **Small presentations by PIs on ICE-T science during a few “down days”?**
  - **Could also be viewed by grad students not on St. Croix... via ReadyTalk?**
- **A grad student volunteer to maintain a Facebook page for ICE-T?**





# P Student Involvement

- Scheduling on aircraft flights, and “jobs”
  - Who will coordinate?
- Helping with outreach activities (aircraft tours, peer mentoring of UVI students)
  - Need list of names to SLT
- Assisting with/Designing a flight near end of project?
  - Do we want to do this, and if so, who will coordinate?



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- o Hello Sonia, Hope you are doing great! I guess by now you should be already in Boulder getting ready for tomorrow's meeting related to ICE-T. I wish I could be there too! I just finished talking to Dave Rogers and he mentioned to me that you are the person in charge of the educational component of ICE-T in St Croix. We were talking about our interest in PR. It is something Andy and myself also talked about sometime ago. It would be great to have the C-130 here in PR at one of our airports in order to give students (high school as well as university) the opportunity to see what you guys do in there! We have a center here in campus that works in close relation to schools and universities and could help us to promote this very well. Also, one of our meteorologists working for the media is great in promoting this type of activities and we could definitely count with her! She has done a great job when hurricane chasers are in the island, for example. What do you think? Any ideas?

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- Hello Olga!! I'm actually sitting at the airport, waiting for my flight to Denver. And I'm disappointed that you won't be at the workshop (but I understand). I was so looking forward to seeing you! Guess we'll have to wait until July. :-)
- Thanks so much for contacting me about this, and your interest and willingness to help me have contacts on PR to help out. I've been talking with the RAF about having a day where we allow public tours of the aircraft on PR, and on a different day on STX too. So let's definitely plan on doing that. If you could send me the contact info for your center there on campus to arrange this, that would be great! And yes, please too pass on to me the contact info for the meteorologist working with the media-- that would be very helpful, because I'd like to have the general public have the opportunity to see the aircraft and speak with scientists too, and success seems to be determined by how well we spread the word around. (Because school is out for the summer, that's also our best bet to get K-12 school kids there!) So I've been corresponding with the ECS program at UVI-STX, and am trying to line up some students who might like to work on small summer projects with our ICE-T data and some of our ICE-T scientists that are willing to mentor students for the summer. Would there be any interest from any undergrads at your institution in participating? We don't have any special funds to bring them to STX, but perhaps some data sharing and mentoring could be done remotely. Let me know if you have any ideas, or know of any summer REU programs on PR that might not need funding, but would need mentors. (Data and mentors are all we can supply-- sorry!) Gosh it's going to be good to see you in July! I hope you can come to STX sometimes? Congrats on getting tenure-- noticed it in your tag line! :-)
- Sonia

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- o Good Day Sonia, I forwarded your email to the steering committee of the Emerging Caribbean Scientists Programs. The Principal Investigator for our NSF HBCU-UP grant (which funds SURE and SSRI) is Dr. Robert Stolz. We're really busy writing grant renewals. After April 6<sup>th</sup>, email Dr. Robert Stolz at [rstolz@uvi.edu](mailto:rstolz@uvi.edu) or call (340) 693-1231 to discuss this opportunity further. Thanks for your interest in ECS!

- Steve, Scotty-Besides the main int'l airport at San Juan, there are several other airports nearby, and one of them may be suitable to take the C-130 for an education/outreach visit during ICE-T. You may want to explore these options. The main San Juan airport = TJSJ, Luis Munoz Marin International Airport may not be suitable because of ramp access and traffic. TJIG, Fernando Luis Ribas Dominicci Airport is ~5 miles west. Olga says the hurricane hunter C-130's sometimes land there. TJRV, Jose Aponte de la Torre Airport is on the tip of the island, ~25 miles ESE from San Juan. It used to be a military base, with C-130 operations. Olga has two ground-based air sampling stations: Pico del Este in the mountains, (N18° 16.1' , W 65° 45.5') Coastal site, N 18° 22.9', W 65° 37.1' ..Dave..