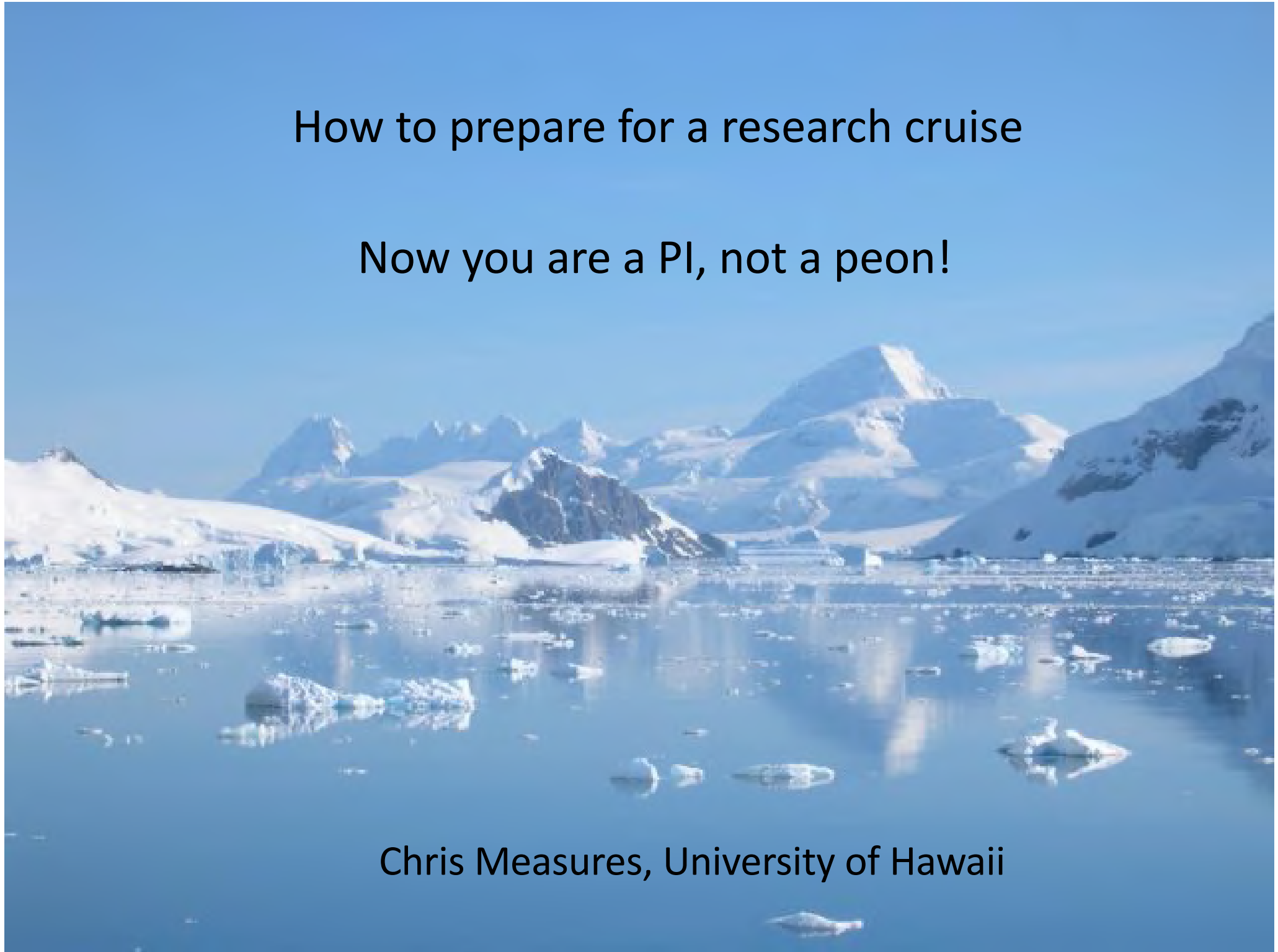


How to prepare for a research cruise

Now you are a PI, not a peon!

Chris Measures, University of Hawaii



Get an idea!

Select collaborators

Write a proposal--make sure it is good and logical

Request a vessel and any other facilities needed

--make sure you can justify what you ask for,
and make sure you ask for everything you need!

Check weather patterns in your area and
request a particular time of year if you need to

Get funded!

Ship time request

Overseas Ship/Supply: Dates & Operating Days

PORT: DEPART DATE: ARRIVAL DATE:

MULTI-SHIP OPS:

LIMITS TO RANGE OF DATES:

Start Date	End Date	Days of the Week	Days of the Month	Total Days

Is this a repeating cruise? ☐ YES ☐ NO

Number of cruises:

Comments:

Remarks:

- Cruise Dates
- Vessel
- Days
- Multi-ship Operations?
- Repeating Cruises?
- Type of request?
- Geographic Area
- Foreign Clearances
- Ports

We try hard to schedule
your cruise to your request
- really!

UNOLS.org

https://strs.unols.org/members/diu_home.aspx

The screenshot shows a web browser window with the address bar displaying strs.unols.org. The page title is "UNOLS STRS - Chris Measures's User Information Home Page". The header features the UNOLS logo and the text "Ship Time Request System". Below the header is a navigation bar with links: "Search Public Records", "User Home", "Forms", "Help", and "Log Out". The main content area is titled "Chris Measures's User Information Home Page" and includes a link "How do I use the User Home Pages?". A tab labeled "User Information" is active, showing "Principal Investigator" as the user's role. A button labeled "Customize Homepages" is visible. A message states: "If you are having any problems using this system, please check the [Frequently Asked Questions](#). If you still can't find your answer, click on [Suggestions/Request Help](#) and let us know what your question or problem is. Someone will help you as soon as possible." Below this is a "System Announcements" section with a red heading "August 2015 Changes to Ship Time Request and Schedulers Forms". The announcement text reads: "Dear UNOLS Community: At the request of our funding agencies for improved program tracking, we have made most fields on the ship time request and scheduling forms mandatory. Please do not hesitate to call the UNOLS Office if you are having any trouble submitting these forms - 206-685-9236." It also includes instructions: "To Work on Ship Time Requests - Click on the 'Principal Investigator' Tab above to access Ship Time Request Functions, including creating new requests. If you need help with your Ship Time Request please do not hesitate to use the 'Suggestions/Request Help' link above or call 206-685-9236. You can also send an email to office@unols.org." At the bottom, the "Member Account Information" section displays details for Dr. Chris Ian Measures, including his user name, job title, date last modified, department, and address. An "Edit Member Info" button is located to the right of this section.

UNOLS | Ship Time Request System

Search Public Records | User Home | Forms | Help | Log Out

< Back

Chris Measures's User Information Home Page

How do I use the User Home Pages?

User Information | Principal Investigator

Customize Homepages

If you are having any problems using this system, please check the [Frequently Asked Questions](#).
If you still can't find your answer, click on [Suggestions/Request Help](#) and let us know what your question or problem is.
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System Announcements

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Member Account Information

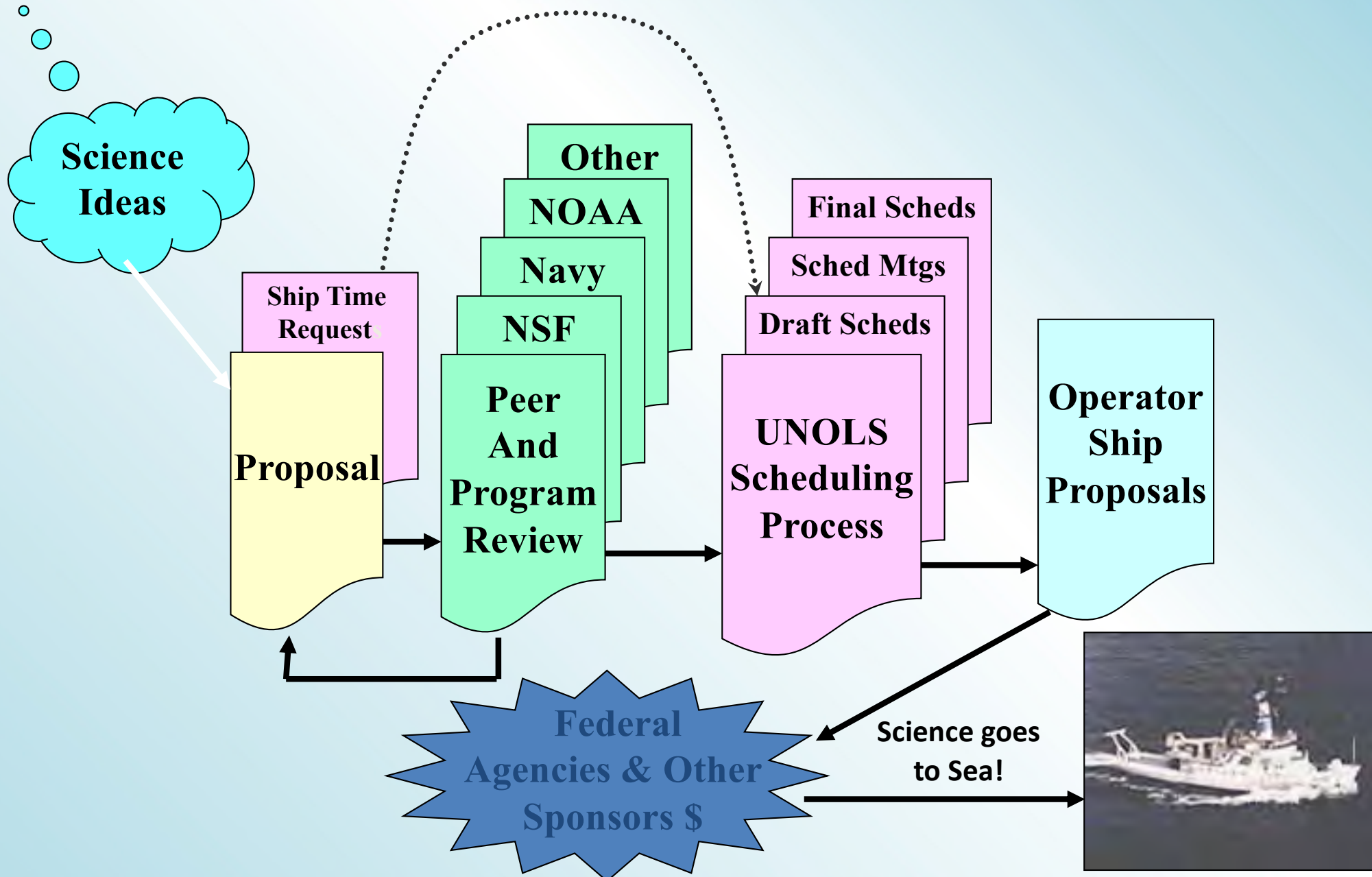
Dr. Chris Ian Measures

User Name: Chrism
Job Title: Professor
Second Institution:

Date Last Modified: 11/6/2014
Department: Oceanography
Address:

Edit Member Info

Science Investigators and the Fleet



Cruise plan:

You need to have a plan of where your stations are going to be and how exactly you are going to execute it

You need this in your proposal

But you also need to have a plan B

You got funded, ---great

But now the real work begins!



Pre cruise meeting with the ship operator

Do your homework!



--make sure you know what you want to do and how you are going to achieve it.

The ship's crew are professionals, they respect scientists who have thought about their project and will help you achieve your goals.

They are not baby sitters and will not have a good impression if you do not appear to know what you are doing.

Make sure you request all the ship's equipment you need

Ask for appropriate data to be logged from the ship's sensors





Ship board space:



You need to assign lab space, and you need to have this figured out before you arrive.

You need to know what is available on the ship

Find out what your collaborators need and their specific requirements regarding access to shipboard facilities and potential cross contamination issues.

You will have to negotiate space needs with your co PIs

This can be difficult on large cruises as some individuals will ask for more than they really need

You may need to talk them down to what is really available

Another reason to choose your collaborators carefully

Find out local holidays in your departure port

Find out when the bars are open!

Find out about the ship's agent

Advise your collaborators about shipping deadlines etc

Loading the ship

You need to have some time to load the ship
how much you need depends on your project
and how far it is to the first station



Shipboard work

You need to make sure that your plan is practical, i.e. that you have the equipment you need and that it can be handled on deck in the sequence you want.

Plan your time properly. It takes time for a ship to position when it arrives on station 5-15 minutes depending on sea state



Make sure your first operation is ready to go when the ship is positioned, the deck crew will respect you



Allow time for
bad weather
Especially at
high latitudes



Make sure your people get sleep!

Wigged out scientists make big mistakes and start to get on each others nerves

You will have a much happier ship if everyone gets enough rest

Make sure people are not being oppressed by their advisors or fellow scientists



Communicate with the shipboard personnel regularly

Treat them as equals, keep them informed as things change

Respect is a symmetric process

Pay attention to safety

A prime goal of the shipboard personnel is to maintain safe operations

Take it seriously and co-operate

If they trust your judgment on safety issues they will be much more willing to let you do things, particularly as the weather deteriorates

As data starts to come in keep up with it

Have someone checking data sets looking for problems

It takes 100x longer to fix data problems after the cruise than it does on the ship



Don't try to collect samples up until the time you dock

It takes time to clear sample backlogs and pack up equipment

There is another shipboard party coming on and you must be gone

Besides everyone wants to get to the bar!



A scenic sunset over a body of water with mountains in the background. The sun is low on the horizon, casting a warm orange glow across the sky and reflecting on the water. The mountains are silhouetted against the bright sky. The water is calm, with some small rocks visible in the foreground.

Have fun

Get great data

Oceanography is the best career you can have