**AIPG members**, professionals, students, friends, spouses (their children\*) You are Invited to take part in the **Bahamas Short Course Field Trip** March 9-16, 2019 "Modern Carbonate Analogs for the Geologic Record 40 professional development hours will be awarded

### Please read the following pages carefully, REGISTRATION FORM ATTACHED LAST PAGE

Location: San Salvador Island, Bahamas; The College of the Bahamas Gerace Research Centre http://geraceresearchcentre.com



Format: The course will be run as series of daily field trips with evening discussion sessions; course outline provided. Spouses (their kids) and friends are not obligated to attend field trips or classes.

Dates: March 9, 2019—March 16, 2019 (plus travel time)

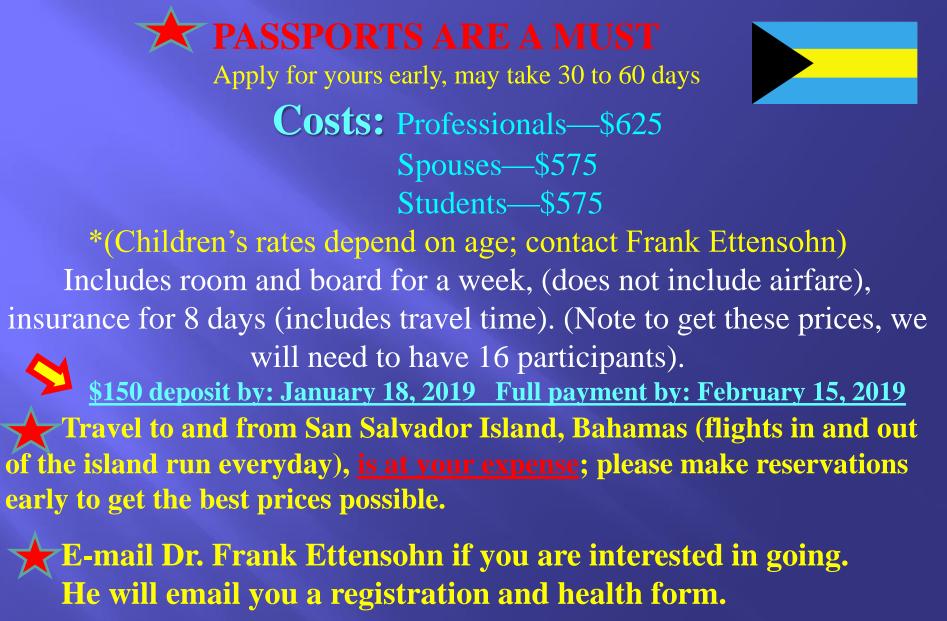
• Make plane reservations as soon as possible for the cheapest flight

A PASSPORT IS A MUST (May take 30 to 60 days) Leaders: Frank Ettensohn, Professor and PG, U.K.



# **Topics Covered:**

Carbonate depositional environments, origins and types of carbonate sediments; porosity in carbonates; karst and paleokarst; unconformities in carbonates; carbonate soils and paleosols; marine ecology and geology; modern and fossil reefs; geomorphology of carbonate islands; stromatolites and other carbonate-related extremophiles.



fettens@uky.edu



Must have: Passport (apply early, it may take 30 to 60 days to receive).

Recommended: Mask, fins, snorkel and a bag for your gear, bathing suit, sunscreen, insect repellant, camera, old clothes to cover up with and old tennis shoes or boat shoes. (\*See some recommendations on next slide)

Participants will be updated by email if there are any changes.

- Good, ruggedly soled, light-weight footwear (the karren type limestone is very sharp).
- A bug repellent that may repel the "no-see-ums;" they are pesty.
- Good underwater mask that is soft and makes a good seal around your face (if you wear glasses and do not have contacts, you may want to invest in corrective lenses in the mask.
- If you are a novice snorkeler, either a semi-dry snorkel (has a splash guard to prevent splashed water or spray from entering the snorkel, it will not stop water from entering the snorkel from a wave or deep dive) or a dry snorkel with a purge valve and flexible tube (this snorkel prevents water from entering into the tube from waves and deep dives.
- Because the water is still cool, some people wore wet suits.
- Water from a thermos is the drink with lunch, so you may want to bring some powdered Gaterade-type to add to your water and this will also help with dehydration in the hot sun.
- A good hat to keep the sun off your neck and ears.
- Reef-safe water-proof sun screen. See next page for some recommendations.
- You do receive a cup, but a water bottle will avoid spills.
- Water-proof cameras are great, but some of the less expensive ones succumb to the salt water easily. The GoPros with the water-proof casing are great, they do videos and stills.
- A good light-weight, water-proof and sand-proof bag to protect your camera or cell phone (no reliable cell-phone service on the island).
- A good identification book on fishes and vegetation of the Bahamas

### **BEST REEF-SAFE SUNSCREENS FOR ADULTS**

- Sun Bum Original Moisturizing Sunscreen Lotion.
- Badger SPF 35 Sport Sunscreen Cream.
- Stream2Sea Biodegradable Sunscreen Lotion.
- All Good Organic Sunscreen Butter with Zinc Oxide.
- SPF Rx Mineral Sunscreen.
- ThinkSport Safe Sunscreen Kids and Adults!
- Coral Safe Biodegradable Sunscreen.
- Reef Safe Biodegradable Sunscreen Lotion.

#### **BEST REEF-SAFE SUNSCREENS FOR KIDS**

- Thinkbaby Safe Sunscreen.
- Badger Active Kids Zinc Oxide Sunscreen.
- All Good Natural Kid's Sunscreen.

# **Gerace Research Center**

Center for the study of Archaeology, Biology, Geology, and Marine Science





### College of the Bahamas San Salvador, Bahamas

## Previous Field Trips:















#### Registration for 2019 KY AIPG Bahamas Short Course Field trip Gerace Research Centre San Salvador Island, Bahamas

\$625-Professional \$575-Student \$575-Spouse Children's rate depends on age; contact Frank Ettensohn <u>fettens@uky.edu</u>
Deposits must be in by Jan. 18, 2019. Remaining payment due by Feb. 15, 2019. Send payments to <u>KY AIPG, P.O. Box 22521, Lexington, KY 40522</u>
Professional Student Spouse Child (Children) # ages
Name:
Affiliation:
Address:
Birth date:
Email:
Phone:
Emergency Contact (Name, Phone No., e-mail:
Health or dietary issues:

\*A Professional Development Hour Certificate will be sent to you after the course has ended.