During Our History

- Over 5,535 undergraduate and 500 graduate students have used FIO facilities.
- More than 3,300 undergraduates who used FIO facilities have remained in STEM fields after graduating.
- Over $90 million in grants have been enabled by FIO.
- Over 20 undergraduate and over 16 graduate courses have been taught over 100 times using FIO.
- At least 34 science faculty members currently in FIO member institutions graduated from Florida schools.
- Over 430 peer-reviewed publications, 26 books/book chapters, 67 dissertations, 240 conference proceedings, 62 technical/other reports, and 5 programs/films have used FIO resources.
- Florida's response to Deepwater Horizon relied heavily on FIO Research Vessels and members.
**R/V Weatherbird II**

**Homeport:** St. Petersburg, FL  
**Length:** 115'  
**Cruising Speed:** 9 knots  
**Cruising Range:** 3500 Nautical Miles  
**Endurance:** 10 days  
**Crew Berths:** 7  
**Scientific Berths:** 13  
**Starboard A-frame and winch and aft U-frame and winch.**  
**One rubber and one rigid hull inflatable. Wet lab, CTD garage, electronics lab. Fresh and saltwater labs on main deck.**  
**Working Deck Area:** 780 sq. ft.  
**Communications:** KVH mini VSAT, Iridium  
**On-board science systems:** CTD, Carousel with twelve 12-liter Niskin bottles, EK60, Thermosalinograph with Wetstar Fluorometer, Met package, Chemical Flume Hood, Millipore Water Filtration System, Data Acquisition System, Computer System (including E-mail), ADCPs and video/Skype capabilities

**R/V Bellows**

**Homeport:** St. Petersburg, FL  
**Length:** 71'  
**Cruising Speed:** 7 knots  
**Cruising Range:** 1200 Nautical Miles  
**Endurance:** 8 days  
**Crew Berths:** 4  
**Scientific Berths:** 10  
**Starboard A-frame and winch and aft U-frame and winch.**  
**One rubber and one Boston Whaler. Wet lab, fresh and saltwater labs on main deck.**  
**Working Deck Area:** 275 sq. ft.  
**Communications:** KVH mini VSAT, Iridium  
**On-board science systems:** CTD, Carousel with twelve 12-liter Niskin bottles, Thermosalinograph with Wetstar Fluorometer, Met package, Computer System (including E-mail) and video/Skype capabilities

**Keys Marine Lab (KML)**

- **2 Separate Air Conditioned Dormitories equipped with:**  
  - beds including linens & towels  
  - Fully appointed kitchens including pots/pans, dishes & utensils  
- **1 Semi-Private Air Conditioned House for long term visitors:**  
  - 6 beds including linens & towels; wireless access  
  - Fully appointed kitchen including pots/pans, dishes & utensils  
  - Separate laundry facility  
- **On-site:**  
  - Laundry facilities (coin operated)  
  - Copy machine & fax machine  
- **Classroom:**  
  - Air conditioned  
  - Multimedia projector  
  - Wireless access

**Dry Labs equipped with:**  
- Dissecting & compound microscopes  
- Refrigerator/freezer & 80 ultra cold freezer  
- Centrifuge

**Wet Lab equipped with:**  
- Flow-through seawater system & wet tables  
- Filtration ability  
- Multiple Tanks, Aquaria and Raceways (200 gallon - 500 gallon)

**Boat Fleet and Captains with local expertise:**  
- 30' Island Hopper, 22 student/researcher capacity  
- 25' Parker, 11 student/researcher capacity  
- 24’ T-Craft, 8 student/researcher capacity  
- 18’ Parker, 4 student/researcher capacity  
- 13’ Whaler, 2 student/researcher capacity

**Who We Are**

FIO is a State University System of Florida Academic Infrastructure Support Organization that operates two Research Vessels and the Keys Marine Lab. FIO is also a consortium with 27 members involved in Florida’s marine science education and research. FIO has a leading role in the scientific assessment of the impact of the Deepwater Horizon Oil Spill in the Gulf of Mexico.