

# New Course Announcement

Spring 2006

## OCP 4005

# Introduction to Physical Oceanography

## Professor Allan J. Clarke

Department of Oceanography

### Course content:

- Equations of motion
- Surface waves
- Inertial, geostrophic and Ekman flows
- Coastal upwelling & coastal Kelvin waves
- Potential vorticity, Rossby waves & the Gulf Stream
- El Niño, climate prediction and fisheries
- Global sea level rise



**Tues & Thurs 3:35-4:50pm**

**Room 307 Love Building**