

Research Faculty

**Geography**

Karen Jordan, M. Sc. – Remote Sensing, GIS, and Water Quality

Francis Mujica, Ph. D. – Qualitative Analysis Health (Obesity, Vecta Born), Tourism Development

Roy Ryder, Ph. D. – Urban Land Use, Latin America Regional and Urban Development, Airphoto Interpretation, Computer Mapping

Carol Sawyer, Ph. D. – Mountain Geography, Cryosphere, Geomorphology, Natural Hazards, Geologic Hazards, Biogeography

Steven Schultze, Ph. D. – Climatology, Agriculture, Geographical Information Science, Spatial Statistics, Hydrology

Sam Stutsman, M. Sc. – Physical Geography, GIS Applications, Data Creation, Data Analysis, Predictive Analysis, 3D Modeling, Cartography, Terrain Analysis, Photo Interpretation

**Geology**

David Allison, Ph. D. – Structural Geology, Petrology, Geomorphology, Mineral Analysis

Alex Beebe, Ph. D. – Environmental Geology, Hydrology, Geophysics, Biogeochemistry

Murlene Clark, Ph. D. – Paleontology, Stratigraphy

Doug Haywick, Ph. D. – Sedimentary Petrology, Petroleum Geology, Mineralogy

Diana Sturm, Ph. D. – Hydrogeology, Geophysics

**Meteorology**

Keith Blackwell, Ph. D. – Hurricanes, Weather Forecasting, Tropical Meteorology

Sytske Kimball, Ph. D. – Hurricane Modeling and Observation, Sea Breezes, Surface-Based In-Situ Meteorological Instrumentation

Andrew Murray, M. Sc. – Forecaster, Hurricane Specialist

Wesley Terwey, Ph. D. – Convective Processes, Hurricanes, Severe Weather

Climatology

Geographical Information Sciences

Computer Mapping

Modeling

Hurricanes

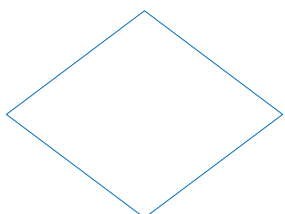
Hydrology

Mineralogy

Stratigraphy

Collaborations/Resources  
Internal & External

UCUR



Specialized Group or Forum?

Departmental Honors

University Honors

- Equipment/ Instrumentation:**
- Mesonet (Weather Stations) (Sytske)
  - ERDAS Imagine
  - ESRI – ArcMap
  - Radar Monitoring Equipment
  - Basic Water Sampling Equipment
  - On Campus Groundwater Well Field
  - Petrography Examination & Thin-Sectioning Equipment

- Collections:**
- Local Weather Data Since 2008 (Sytske)
  - Weeks Bay Sediment Data (1997-2015)