Research Area

A Research Area page is a custom content type used to add information to your website about the types of research being done by your department. The goal of Research Areas is to give visitors a general idea of the kinds of research performed by faculty, staff, and graduate students in the department. Both Labs and Personnel on your website may be associated with a particular Research Area. The fields we support in our Research area content type are:

Fields

**Title** - This should be a broad area of research, enough to encompass more than one faculty member, graduate students, and/or staff.

**CHEMICAL EDUCATION**

**Image** - An optional field to upload a thumbnail, a visual indicator of the research. The below example comes from the Biogeochemistry research area on Marine Science's website.

![Biogeochemistry Image](image-url)

**Body** - Broadly describe the ways personnel engage in research in this area.

According to the National Research Council, “...research is a process for obtaining information, and scholarship is a process for converting information into knowledge.” (NAP, 1998). The American Chemical Society defines scholarship to "...include discovery of chemical principles, integration of chemical knowledge within both formal academic and informal public arenas, application of chemical knowledge to new problems and situations, and the study of teaching and learning of chemistry and related sciences." (ACS, 2010–2013). Several faculty members at UGA are involved in Chemical Education research and two of them emphasize chemical education scholarship.

How to get your photo and/or staff photos to appear with Research Areas

Personnel-- such as faculty, staff, and graduate students-- associate themselves with specific labs by using an autocomplete field called "Research Areas" in the Personnel content type. Labs themselves may also be associated with Research Areas.

There are two ways this can look. In the example to the right showing faculty associated with Chemical Education, there's a detailed description of each faculty member's research in that area.
The default is a more simplified Personnel section, which just has a name a picture and link to the personnel page, as with Marine Sciences below, where you see personnel have associated themselves with the Biogeochemistry Research Area:

**Biogeochemistry**

Biogeochemistry examines the role of biogeochemical processes in regulating the chemical and biological dynamics of the Earth’s atmosphere, hydrosphere and lithosphere. It is an interdisciplinary science, and UGA Marine Sciences faculty are actively involved in areas of biogeochemical research including aquatic photochemistry, the exchange of trace gases between the ocean and atmosphere, nutrient cycling, organic matter degradation, and the role of phytoplankton. Ongoing research includes a focus on interactions between physical systems, such as salt marshes, estuaries, anoxic waters, and the open ocean, as well as brown algae, The integration of our work requires the application of tools from a wide range of disciplines, including biology, chemistry, ecology, hydrology, mathematics and physics.

**Personnel**

- **Clifton Buck**: Assistant Professor
- **Adrian Burd**: Associate Professor
- **Julia Diaz**: Assistant Professor
- **Charles S. Hopkinson**: Professor
- **Samantha B. Joye**: Assistant Professor of Arts & Science
- **Patricia M. Medeiros**: Associate Professor

**Research**

More Research

- Biogeochemistry
- Biological Oceanography
- Chemical Oceanography
- Climate Change
- Geophysical Oceanography
- Marine Ecology
- Physical Oceanography

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**How Research Areas appear throughout your site**

On the main Research page...
Research Areas occasionally appear as spotlights, but it is more common to feature a faculty or graduate student's research activities than the research area itself.