

- **Who:**
 - Dom Heinzeller, Xia Sun, and Linlin Pan (CU/CIRES)
 - Ligia Bernardet and John Brown (NOAA/GSL)
 - Collaborators: Geoff Manikin and EMC/MEG, UFSR20 Physics
- **Why: To enable the community in**
 - participating in testing and development of physics innovations
 - contributing UFS hierarchical testing
 - contributing to development of GFS v17/GEFS v13 and beyond
- **What:** A catalog of community case studies that illustrate GFS biases and can be run with the MRW/SRW releases or with the top of development using the global workflow

UFS Case Studies Website

[Link](#) to website in *Read The Docs*

Case Catalog (inputs via Amazon S3)

Scripts for plotting and diagnostics

The screenshot shows a web browser window with the URL `ufs-case-studies.readthedocs.io/en/develop/`. The page title is "Case Studies for UFS Weather Model" and the branch is "develop". A search bar is present. A list of case studies is shown on the left, with a red bracket indicating the "Case Catalog (inputs via Amazon S3)". The list includes:

1. Introduction
2. 2018 Hurricane Michael
3. 2019 Hurricane Barry
4. 2019 Hurricane Lorenzo
5. 2019 Halloween Storm
6. 2020 Easter Sunday Storm
7. 2019 Memorial Day Heat Wave
8. 2020 January Cold Blast
9. 2020 Cold Air Damming
10. 2020 Denver Radiation Inversion
11. 2020 July CAPE Case
12. Example scripts

Below the list is a code snippet for a function `countSpaces`. On the right, the main content area shows the "Welcome to the Case Studies Page for the UFS Weather Model" with a description of the documentation and three plots: "Hurricane Barry Tracks", "MRW GFSv16beta-GFSv16.2m Temp (F) FV3", and "GFSv16.0.10 vs. Observed Sounding for DMR". A red box highlights the "Edit on GitHub" link, with a red arrow pointing to it and the text "Open dev". At the bottom, two boxes are labeled "Medium-Range Weather (MRW) App" and "Global Workflow", with "For users" and "For developers" respectively.

Open dev