

1. **CFHT's HAWAIIAN STARLIGHT.**

Jean-Charles Cuillandre

Canada-France-Hawaii Telescope, USA

For the longest time, magazine editors and other "cool image" starved media complained about the lack of material images in astronomy. Indeed, after the death of the photographic plates, replaced by the favored use of electronic detectors, low resolution false color images of the deep sky were produced with little concern about aesthetics. However, Space Telescope Science Institute, was the first to understand the great potential for producing stunning images of pictures taken through the eyes of the Hubble telescope. On Mauna Kea, the Canada-France-Hawaii Telescope has been the leader in electronic wide-field imaging for the past decade, bringing the largest CCD mosaic cameras in the world at its prime focus. Since 1999, it operates the CFH12K camera, a 100 million pixel CCD mosaic that produces incredibly detailed images of the sky over a field of view 1.5 times the size of the full moon. Besides allowing key scientific programs, (e.g. the discovery of the cosmic shear), this instrument, with a depth and resolution never before reached, is also a great tool for producing beautiful images of the sky. This presentation will describe the image creation process, starting with the basics of target selection and concluding with the various methods CFHT has adopted for the purpose of showcasing their images.

2. **THE LIBRARIAN AS TEACHER:
INSTRUCTING THE NEXT GENERATION OF INFORMATION LITERATE
SCIENTISTS AT CASE WESTERN RESERVE UNIVERSITY.**

William Claspy

Case Western Reserve University, USA

Scientists have nearly unlimited access to research directly at their desktop. Troubling to us as librarians is the scientist's ability (or inability!) to effectively access this information. The University Library at CWRU, like most academic libraries, has been faced with declining gate counts and reference transactions. In order to ensure that our students will know how to use the digital materials that we make available to them, we have implemented a primary initiative to increase our teaching role on campus. We aim to create an information literate community that knows how to navigate the new digital library.

Library instruction to academic departments in the physical sciences is an unusual mix, but one that we have had success with at CWRU. In order to reach this group of information seekers, we have had success by using the following methods to reach our community:

- ◆ Partnering with other constituencies on campus
- ◆ Creating new ways to provide instruction
- ◆ Assessment of teaching tools and student learning

By taking the library and our instruction to the physical sciences community, we are in the process of creating information literate students who will be more successful as graduate students and researchers in the future. With this program, our role has changed from traditional librarian to teacher.