

The Northwestern Astronomy PhD Theory & Observation

Sky & Telescope magazine "3 Cosmic Chirps & Counting"
by CIERA Director, Vicky Kalogera (image: Max Planck Institute)

ADVANCED TOOLS

Program has guaranteed access to largest optical/IR telescopes (Keck, MMT), supercomputers, research shop.

INTERDISCIPLINARY

Connect to applied math, computer science, engineering and more. Graduate training and Certificate in data science offered (**IDEAS**).

START RESEARCH IMMEDIATELY

Exoplanets, black holes, galaxy formation, stellar explosions, instrument development (radio through X-ray) and much more. Flexible course choices.

MULTI-MESSENGER

We are world leaders in combining **electromagnetic transients** with gravitational-wave detection.

AMAZING COMMUNITY

STEM education & public outreach opportunities; lakeside campus 12 miles to downtown Chicago.

Credit: W. Feng / E. Berger / P. Blanchard

Northwestern

C I E R A

CENTER FOR INTERDISCIPLINARY EXPLORATION
AND RESEARCH IN ASTROPHYSICS

