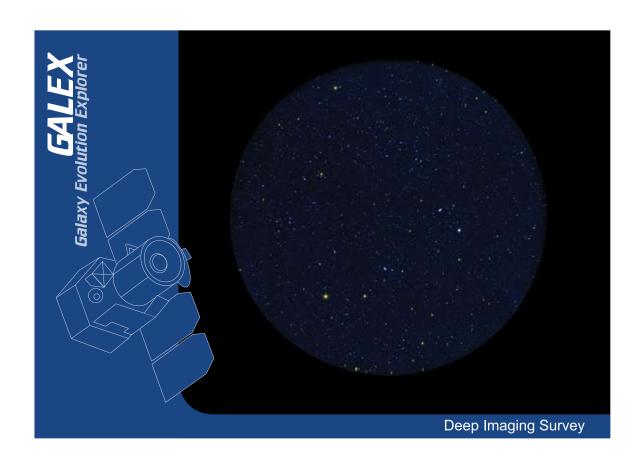


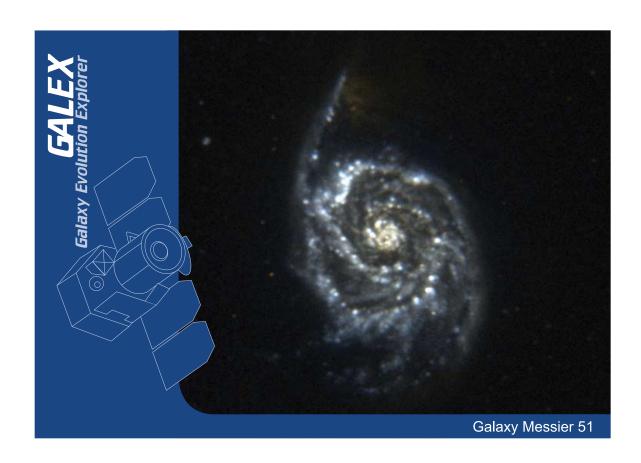
National Aeronautics and Space Administration Jet Propulsion Laboratory California Institute of Technology Pasadena, California	X x.caltech.edu
	To:
Centaurus A This is the peculiar galaxy Centaurus A, which is 30 Million light years from Earth. This picture is a combination of the GALEX Far UV image (colored blue) the GALEX Near UV image (colored green and an image taken by NASA's great observatory Chandra (colored red) that measures the X-ray emission from around this galaxy.	
Centaurus A has a prominent dust lane that absorbs the ultraviolet light from the stars in the galaxy. This galaxy has a super massive black hole at its center that emits jets of high energy particles, traced by the X-ray emission observed by Chandra. At the intersection of the jets and clouds of Hydrogen gas approximately 50,000 light years away from the galaxy, several regions of Ultraviolet (UV) emission can be seen in the North-East (upper left) just beyond the X-ray emission. This UV light may be from young stars formed in a burst of recent star formation triggered by the compression of the gas clouds by the X-ray jet.	



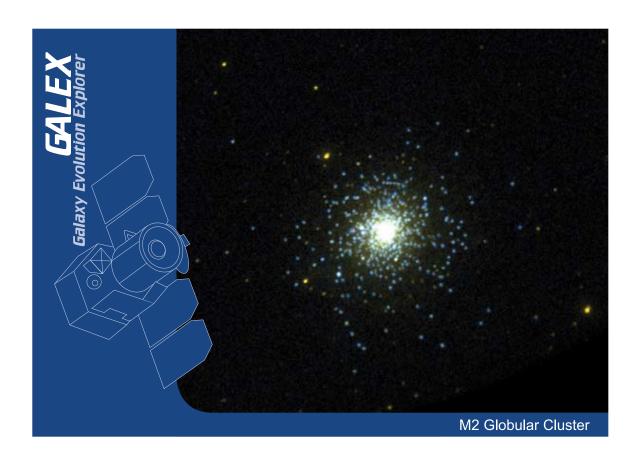
National Aeronautics and Space Administration Jet Propulsion Laboratory California Institute of Technology Pasadena, California	GALEX www.galex.	caltech.edu	
r asadena, Galilonia			
		To:	
Deep Imaging Survey This is a picture of one of the GALEX Deep Imaging Sur			
than 20 images taken during June 2003, for a total expo Tens of thousands of objects can be identified in this pic objects are distant galaxies that astronomers will use to history of the Universe. The bright red objects are foregr way galaxy.	cture. Many of the faint blue study the star formation		



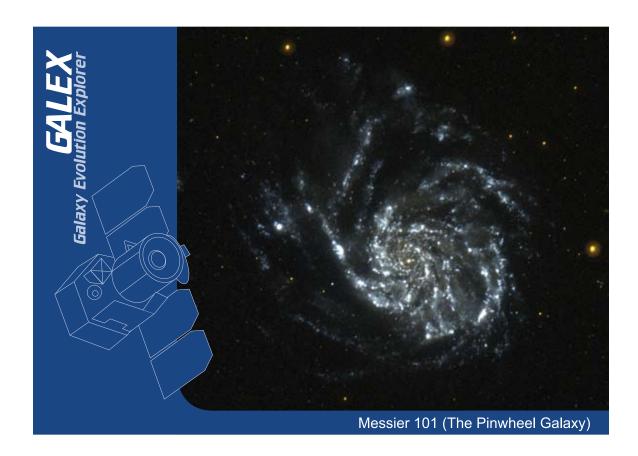
National Aeronautics and Space Administration Jet Propulsion Laboratory California Institute of Technology Pasadena, California	X x.caltech.edu
	To:
Galaxy Messier 83 This image of the spiral galaxy Messier 83 (M83) was taken during only one orbit of GALEX on June 7, 2003. This galaxy, sometimes called the "Southern Pinwheel Galaxy," is 15 million light years from Earth. This picture combines GALEX images	
taken with the Far UV (blue) and Near UV detectors (red). M83 displays significant amounts of ultraviolet emission far from the optically bright portions of the galaxy. It is also known to have an extended hydrogen disk that GALEX detects in faint ultraviolet light. The red stars in this image are foreground stars in our own Milky Way galaxy.	



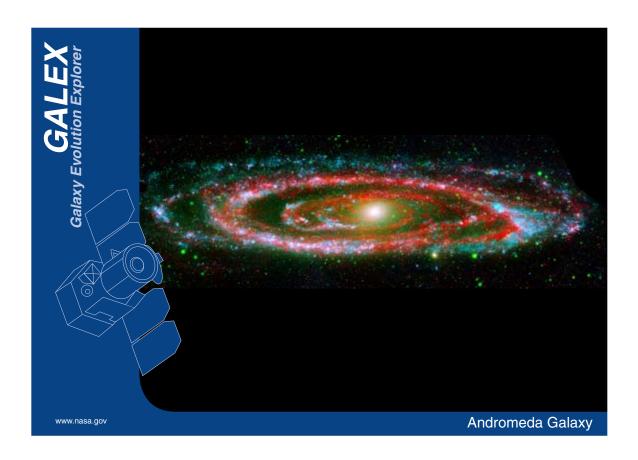
National Aeronautics and Space Administration Jet Propulsion Laboratory California Institute of Technology Pasadena, California	X x.caltech.edu
	То:
Galaxy Messier 51 This picture is a combination of GALEX images taken with the Far UV (blue) and Near UV detectors (red).	
The spiral galaxy Messier 51 (M51) has a close companion galaxy to the north that is only barely visible by the Near UV detector and so looks faint and red in this GALEX image. The relative faintness of the ultraviolet emission from the companion galaxy compared to the known visible and near-infrared emission indicates that there is very little star formation occurring in the companion galaxy. The red stars in the GALEX image are foreground stars in our own Milky Way galaxy.	



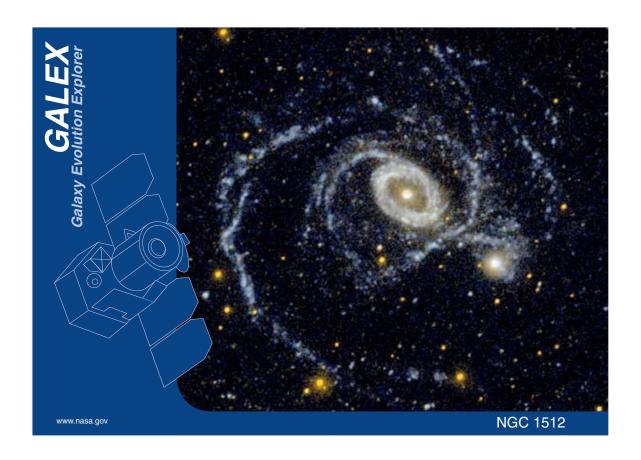
National Aeronautics and Space Administration Jet Propulsion Laboratory California Institute of Technology Pasadena, California	LEX v.galex.caltech.edu
	To:
M2 Globular Cluster	
This image of the globular cluster Messier 2 (M2) was taken by GALEX on August 20, 2003. This image is a small section of a single All Sky Imaging St (AIS) exposure of only 129 seconds in the constellation Aquarius. This pictur combines GALEX images taken with the Far UV (blue) and Near UV detecto Globular clusters are gravitationally bound systems of hundreds of thousand that orbit in the halos of galaxies. The globular clusters in our Milky Way galaxies.	e rs (red).
that orbit in the halos of galaxies. The globular clusters in our Milky Way gala some of the oldest stars known. M2 lies 33,000 light years from our Sun with distributed in a spherical system with a radius of approximately 100 light year	stars

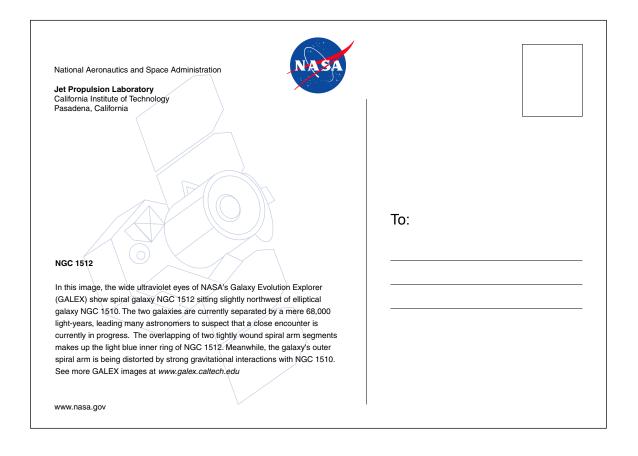


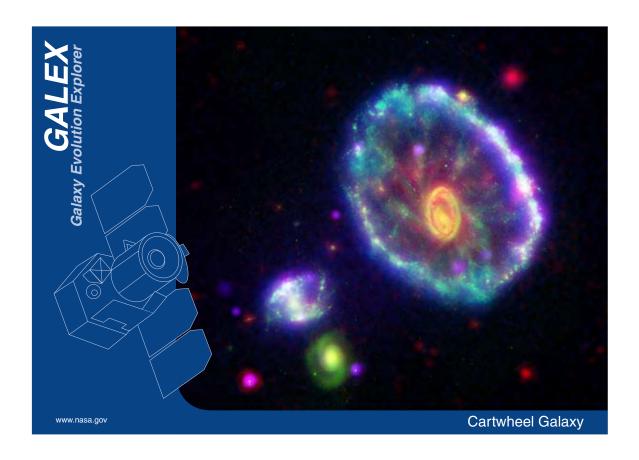
National Aeronautics and Space Administration Jet Propulsion Laboratory California Institute of Technology Pasadena, California	X x.caltech.edu
	То:
Messier 101 (The Pinwheel Galaxy)	
This image of the nearby spiral galaxy Messier 101 (M101) was taken in two orbits of GALEX on June 20, 2003. This galaxy, also known as the "Pinwheel Galaxy," is 20 million light years from Earth. This picture combines GALEX images taken with the Far UV (blue) and Near UV detectors (red).	
The ultraviolet emissions detected by the Far UV detector on GALEX show hot young stars, formed 10 million years ago, concentrated in the tight spiral arms. Older stars, those that formed over 100 million years ago, are brighter in the Near UV image and are spread more evenly across the disk of M101. Because these older stars would also have formed in the tight spiral arms, the older stars trace the movement of the spiral arms over the last 100 million years.	



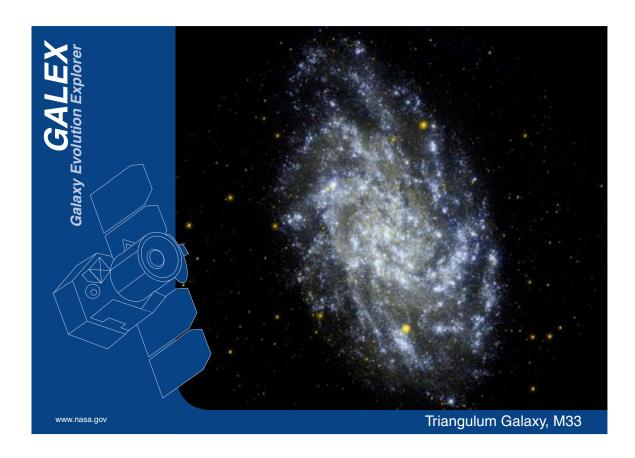
National Aeronautics and Space Administration		
Jet Propulsion Laboratory California Institute of Technology Pasadena, California		
Andromeda Galaxy	To:	
The many "personalities" of our great galactic neighbor, the Andromeda galaxy,		
are exposed in this composite image from NASA's Galaxy Evolution Explorer		
(GALEX) and the Spitzer Space Telescope. Andromeda's "fiery" nature—hotter		
regions brimming with young and old stars—are revealed in GALEX's ultraviolet view, represented in blue. In contrast, Spitzer's super-sensitive infrared eyes		
show Andromeda's relatively "cool" side, represented in red, which includes		
embryonic stars hidden in their dusty cocoons. See more GALEX images at		
www.galex.caltech.edu.		
www.nasa.gov		







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Cartwheel Galaxy	To:	
This false-color composite image shows the Cartwheel galaxy as seen in ultraviolet light by the Galaxy Evolution Explorer (GALEX, blue); the Hubble Space Telescope in visible light (green); the Spitzer Space Telescope in infrared light (red); and the Chandra X-ray Observatory (purple). The blue outer ring is so powerful in the GALEX observations that it indicates the Cartwheel is one of the most powerful UV-emitting galaxies in the nearby universe. The blue color reveals		
to astronomers that associations of stars 5 to 20 times as massive as our sun are forming in this region. See more GALEX images at www.galex.caltech.edu. www.nasa.gov		



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	То:	
Triangulum Galaxy, M33 M33, the Triangulum Galaxy, is the second nearest spiral galaxy to our Milky Way		
(after M31, the Andromeda Galaxy). The Galaxy Evolution Explorer (GALEX) imaged M33 as it appears in ultraviolet wavelengths. Ultraviolet imaging primarily traces emission from the atmospheres of hot stars, most of which formed in the		
past few hundred million years. Thus, astronomers can compare the population		
of young, massive stars with other components of the galaxy, such as interstellar dust and gas, the raw material from which stars form. See more GALEX images		
at www.galex.caltech.edu.		
www.nasa.gov		