Year	Student	Home institution	Project
2013	J. Marquis	U. Louisiana Monroe	Radar data objective analysis
	M. Wiesner	McGill	Automated detection of radar severe weather Signatures
	E. Hernandez	UPRM	Observations of precipitation with X-band MRI radar: Comparison between Colorado and Puerto Rico
	D. Silva	UPRM	Observations of precipitation with X-band MRI radar: Comparison between Colorado and Puerto Rico
	E. Dougherty	U. Virginia	Meteorological interpretation of S and X-band warm season echoes using the CSU-CHILL dual-frequency radar
	J. Costello	UIUC	Meteorological interpretation of S and X-band warm season echoes using the CSU-CHILL dual-frequency radar
2012	A. Manhard	Clemson	Automated radar sphere calibration
	M. Rausch	Ripon College	Radar data visualization
	S. Strong-Henninger	Creighton	Tornado detection with dual-polarization Doppler radar measurements and image processing
	J. Notaros	U. Colorado	Numerical electromagnetic computation of radar cross sections of hailstones

	P. Marinescu	SUNY - Stony Brook	Validating a hydrometeor classification algorithm for hail using ground observations and automated hail pad analysis
	B. Windschitl	St. Cloud State	Validating a hydrometeor classification algorithm for hail using ground observations and automated hail pad analysis
2011	J. Lopez	Texas A and M - Kingsville	Automation of sphere calibration
	C. Carlson	U. Miami	An analysis of two tornadoes in central Oklahoma on May 24, 2011
	J. Wipf	SDSMT	An analysis of two tornadoes in central Oklahoma on May 24, 2011
	S. Santeiu	Iowa State	Cloud photogrammetry and dual-polarization Doppler radar measurements
	A. Matthews	St. Cloud State	Cloud photogrammetry and dual-polarization Doppler radar measurements
2010	D. Coates	U. North Carolina	Implementation of boundary layer refractivity algorithm on the CSU-CHILL radar
	A. Giannandrea	SUNY Brockport	Integrating CASA and GIS data to better support emergency managers
	N. Rivera	U. Turabo	Control / signal processor server interface
	K. LaRouche	Metro State	Bragg scattering echoes from developing cumulus clouds observed at S and X-bands
2009	N. Brouwer	New Hampshire-Durham	Comparison of reflectivity measurements between CSU-CHILL and the UPRM Off-the-Grid Radar
	S. Christensen	Valparaiso	Examination of the evolution of cumulus clouds using various polarimetric data fields
	N. Pujols	UPRM	Attenuation statistics for CASA radars: Analysis on summer 2008 datasets
2008	M. Galoff	St. Cloud State U.	Meteorological comparison of the center- and offset-feed CSU-CHILL radar antennas
	A. S. Jameson	Lafayette College	Addition of a variable hydrometeor classification scheme to VCHILL
	M. D. Parno	Clarkson U.	Distributed computing for advanced radar and networked radar algorithms
	M. Wood	Oklahoma State U.	Gregorian antenna evaluation and pattern analysis

2007	M. Allen	U. of Pennsylvania	A study of snow characteristics using 2D video disdrometer and dual-polarized radar data: The case of 22 January 2007.
	D. Bennaly	San Juan College	Antenna controller hardware upgrade for the CSU-Pawnee radar
	A. Booth	Beloit College	Radar data visualization and *in-situ* validation
	J. Bozeman	N.C. State U.	24 GHz radar adaptation to a mobile platform
	A. Pace	U. Massachusetts	Creating a realtime interface connecting the CASA IP1 LDM data feed and CSU realtime 3D radar mosaic data
	M. Schwitzer	St. Cloud State U.	A comparison of various polarimetric radar rainfall estimators to observed surface rainfall rates
2006	C. Flores	Rensselaer Polytechnic Institute	Ground target characterization for refractivity and radar calibration
	H. Like	University of Missouri	Realtime implementation of ground clutter suppression
	R. Simpson	Ball State University	Applications of two-dimensional video disdrometer data
	N. Parish	CSU	CHILL software interface for refractivity
	A. Lapidas	U. Massachusetts	VCHILL display for CASA
	M. Felix	U. Northern Colorado	Correlation of polarimetric radar hail signatures with MODIS satellite vegetation index data
2005	R. Christensen	Kansas State U.	Characterization of a micro-precipitation profiler
	A. Gailey	U. Massachusetts	Attenuation statistics for X-band radar design
	J. Hairston	Wilberforce University	Expanding VCHILL to Wilberforce University
	A. Trimmer	Mount Holyoke College	Comparison of increase and decrease functions for TCP-friendly rate adaptation based losses (TRABOL)
	J. Weissman	U. Illinois	Radial velocity ambiguity mitigation with staggered PRF
2004	R. Adams	Creighton U.	Variations in drop size distributions
	M. Albertus	CSU	Attenuation statistics and radar band tradeoffs
	D. Bynum	U. TX Dallas	Characterizing the parallel digital receiver for the CSU-CHILL radar
	A. Deyke	CSU	JAVA VCHILL proxy server development

	J. Golden	Swarthmore College	Ground clutter mitigation
	Y. Mejias	UPRM	2D video disdrometer
	M. Yeung	U.C. Berkeley	Mitigation of range-velocity ambiguity
2003	V. Ting	U. Illinois	Realtime evaluation of polarimetric radar hydrometeor classifications
	A. Mihalik	U. Pennsylvania	Evaluation of the MODIS cloud mask
	C. Blake	Kansas State U.	Backscatter from the Earth's surface and volcanic activity
	K. McDonnel	CSU	Evaluation of radar data analysis methodology
	B. Eriksson	U. Wisconsin	Realtime radar control using VCHILL
	M. McClendon	Loyola Marymount	Radar Calibration