



THE UNIVERSITY OF NEW MEXICO
DEPARTMENT OF EARTH AND
PLANETARY SCIENCES



EPS 401/501 COLLOQUIUM – FALL 2016

LECTURES BEGIN AT 2:00 P.M., NORTHROP HALL, 122

AUGUST	26	PETER FAWCETT , CHAIR, EARTH & PLANETARY SCIENCES, UNM INTRODUCTION OF NEW AND RETURNING GRADUATE STUDENTS, FACULTY, AND STAFF
SEPTEMBER	2	DAVID GUTZLER , UNIVERSITY OF NEW MEXICO, EARTH AND PLANETARY SCIENCES "CLIMATE CHANGE AND STREAMFLOW IN SOUTHWESTERN RIVERS"
	9	AMANDA THOMAS , UNIVERSITY OF OREGON "CONSTRAINTS ON THE SOURCE OF LOW-FREQUENCY EARTHQUAKES IN PARKFIELD AND CASCADIA"
	16	MARIANNE KARPLUS , UNIVERSITY OF TEXAS EL PASO "THE STRUCTURE OF THE MAIN HIMALAYAN THRUST IN NEPAL AND IMPLICATIONS FOR EARTHQUAKE HAZARDS"
	23	CARLING HAY , HARVARD UNIVERSITY "FINGERPRINTING THE OCEANS: SOLVING THE MYSTERY OF HISTORICAL SEA LEVEL"
	30	HOMECOMING TBA
OCTOBER	7	FRANK PAZZAGLIA , LEHIGH UNIVERSITY "GEOMORPHOLOGY, CYCLOSTRATIGRAPHY, AND ACTIVE FOLDING, NORTHERN APENNINES, ITALY"
	14	FALL BREAK NO COLLOQUIUM
	21	TEHNUKA ILANKO , UNIVERSITY OF NEW MEXICO, EARTH AND PLANETARY SCIENCES "MESSANGERS FROM THE DEEP – HOW GAS MEASUREMENTS CAN TELL US ABOUT THE VOLCANIC SYSTEM OF MOUNT EREBUS, ANTARCTICA"
	28	STEVE JACOBSEN , NORTHWESTERN UNIVERSITY "EARTH'S DEEP WATER CYCLE: ATOMIC TO GEOPHYSICAL SCALES"
NOVEMBER	4	TBA
	11	JOHN EILER , CALTECH "THE MOLECULAR-SCALE ISOTOPIC STRUCTURES OF NATURAL ORGANIC COMPOUNDS"
	18	NINA LANZA , LOS ALAMOS NATIONAL LABORATORY "MORE FREE OXYGEN IN MARS' PAST? OXIDATION OF MANGANESE AT KIMBERLEY, GALE CRATER"
	25	THANKSGIVING HOLIDAY, NO COLLOQUIUM
DECEMBER	2	ALAN RUBIN , UNIVERSITY CALIFORNIA, LOS ANGELES "THE ORIGIN OF CHONDRULES: THE SAGA OF SOLIDIFIED MELT DROPLETS FROM THE TIME BEFORE PLANETS"

UNIVERSITY OF NEW MEXICO, DEPARTMENT OF EARTH AND PLANETARY SCIENCES
 221 YALE BOULEVARD NE, NORTHROP HALL, ROOM 141, MSC03 2040, ALBUQUERQUE, NEW MEXICO 87131-0001 - 505.277.4204
 PLEASE VISIT OUR WEBSITE <http://epswww.unm.edu> FOR UPDATES
 SUPPORT FOR THE EARTH AND PLANETARY SCIENCES COLLOQUIUM SERIES IS PROVIDED BY THE CASWELL SILVER FOUNDATION