

December 6th, 2010 7:00 PM

Can Particulates Solve the Global Warming Problem?

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From the local paper to prestigious scientific journals, and from conversations in our living rooms to an Academy Award winning movie, we are all aware of the current discussion of the likelihood of human-induced changes to our planet's climate. We have all seen the Mauna Loa curves of increasing CO₂ in the atmosphere, and compounded by other greenhouse gases we understand how the increased absorption of radiation in the atmosphere will lead to a warmer planet. The planet is indeed getting warmer. Summertime Arctic sea ice and year-round mountain glaciers are melting. The potential for catastrophic change certainly exists. Because of this potential danger, several well-respected scientists have begun to ask the question, "What can we do to offset this potential disaster?" One suggestion has to do with particulates. Particulates, sometimes called aerosols, are small liquid or solid particles suspended in the atmosphere, such as desert dust, sea salt, smoke and pollution. Like the greenhouse gases they interact with the Earth's energy budget, some times cooling and some times warming the planet. The cooling aspect has some scientists very intrigued. Is it a good idea to consider geoengineering, adding a cooling type of aerosol to the atmosphere to counterbalance a catastrophic global warming?

The lecture will be held in the new Davidson Science and Mathematics Center on the campus of UNR in Reno, Nevada

Free parking off of Evans Ave near the Davidson Building

Lecture series made possible by a NASA EPSCoR grant, and DRI, UNR, TMCC.

Additional information available at www.sciencenevada.org or tony@sciencenevada.org

GLOBAL COOLING?

Can Particulates Solve the Global Warming Problem?



A PUBLIC LECTURE WITH

DR. LORRAINE A. REMER

NASA GODDARD SPACE FLIGHT CENTER LABORATORY FOR ATMOSPHERES

DECEMBER 6, 2010 | 7:00 PM

Davidson Science and Math Building Redfield Auditorium
University of Nevada, Reno

FREE PUBLIC LECTURE SERIES



University of Nevada, Reno

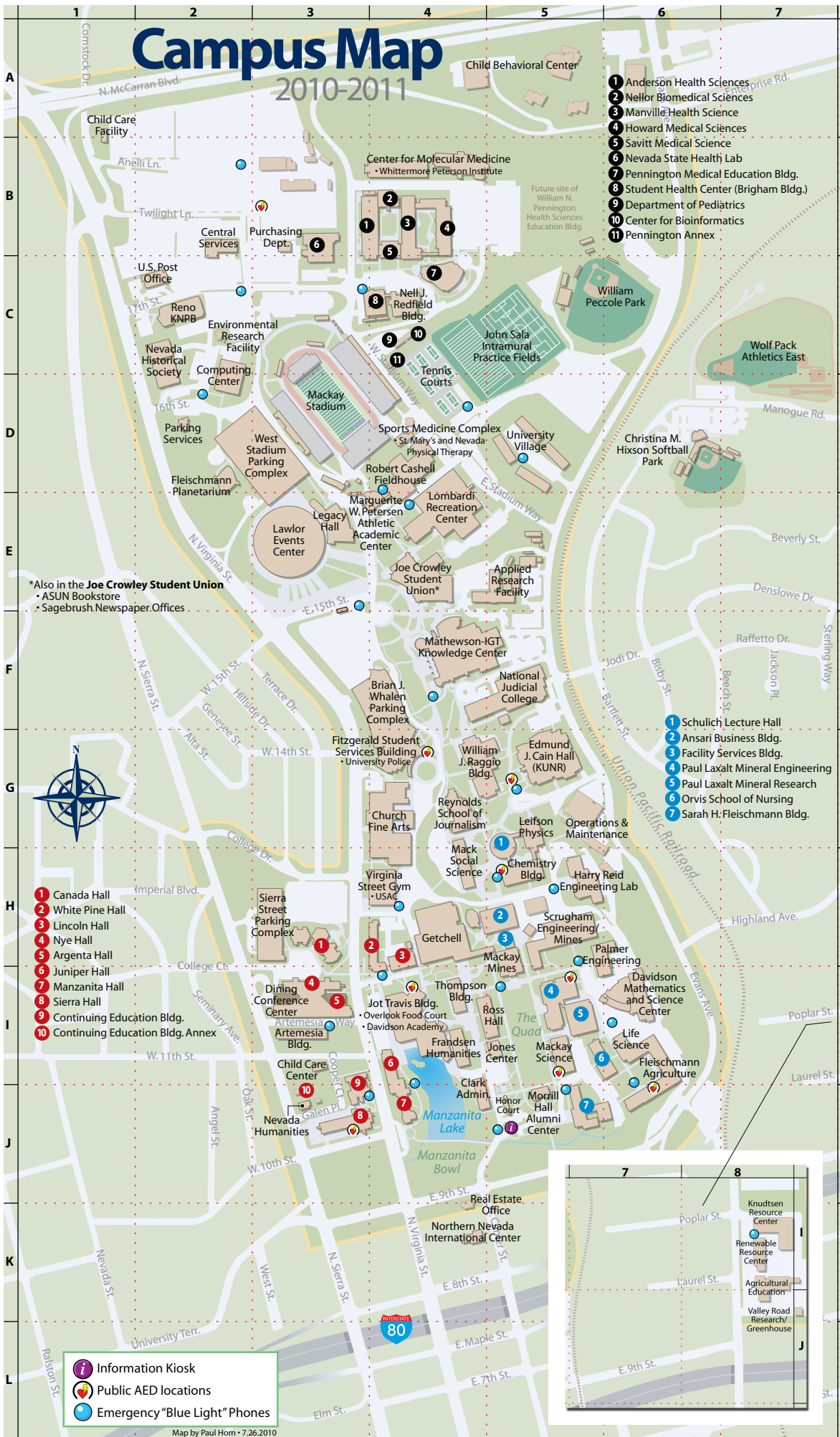


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Campus Map

2010-2011



Grid	Building name	Abbreviation
B8	Agricultural Education	AE
B4	Anderson Health Sciences	AHS
H5	Ansari Business Bldg.	AB
E5	Applied Research Facility	ARF
I3	Argenta Hall	AH
I3	Artesia Bldg.	ARTM
E4	ASUN Bookstore	
	(inside Joe Crowley Student Union)	
F4	Brian J. Whalen Parking Complex	BWPC
G5	Cain Hall (Edmund J.)	EJCH
H3	Canada Hall	CS
B2	Central Services	BC
C4	Center for Bioinformatics	CB
B4	Center for Molecular Medicine	CM
H5	Chemistry Bldg.	CH
A1	Child Behavioral Center	CBC
A3	Child Care Facility	CCF
D6	Christina M. Hixson Softball Park	CFA
G4	Church Fine Arts	CA
J4	Clark Administration	CC
D3	Computing Center	CE
J3	Continuing Education Bldg.	
J3	Continuing Education Building Annex	
I4	Davidson Academy	
C16	Davidson Mathematics & Science Center	DMSC
I3	Dining Conference Center	DCC
G5	Edmund J. Cain Hall	EJCH
C2	Environmental Research Facility	ERF
H5	Facilities Services	FS
C4	Family Medicine Center (Brigham Bldg.)	FMC
J6	Fitzgerald Student Services Bldg.	FSSB
I/J6	Fleischmann Agriculture	FA
D2	Fleischmann Planetarium	FP
I4	Frandsen Humanities	FH
H4	Getchell	GB
H5	Harry Reid Engineering Laboratory	HREL
J5	Honor Court	
B4	Howard Medical Sciences	HMS
J5	Information Kiosk	IK
K4	International Center	NNIC
C5	Intramural Fields	
E4	Joe Crowley Student Union	JCSU
I5	Jones Center	JC
I4	Jot Travis Bldg.	JT
I4	Juniper Hall	JH
F4	Knowledge Center, Mathewson-IGT	MIKC
I8	Knudsen Resource Center	KRC
G5	KUNR (inside Edmund J. Cain Hall)	LEC
E3	Lawlor Events Center	LEGH
E3	Legacy Hall	LP
G5	Leifson Physics	LS
G5	Library Annex	MIKC
I6	Life Science (Knowledge Center)	LS
H4	Lincoln Hall	LHD
E4	Lombardi Recreation Center	LR
H4	Mack Social Science	MSS
H5	Mackay Mines	MM
H5	Mackay Sciences	MS
D3	Mackay Stadium	S
B4	Manville Health Science	MHS
J4	Manzanita Hall	MAH
E4	Manzanita Lake	
E4	Marquette W. Petersen (Athletic Academic Center)	MWPC
F4	Mathewson-IGT Knowledge Center	MIKC
J5	Morrill Hall	MH
F5	National Judicial College	NJC
C4	Nell J. Redfield Bldg.	NJR
B2	Nellor Biomedical Sciences	NBS
C4	Nevada Historical Society	NHS
B3	Nevada Huasteca Laboratory	NSHL
K4	Northwestern Nevada International Center	NNIC
I3	Nye Hall	OSN
I5	Orvis School of Nursing	
H4	Overlook Food Court (inside Jot Travis Bldg.)	OM
G6	Operations & Maintenance	PE
H5	Palmer Engineering	PS
D2	Parking Services	PS
I5	Paul Laxalt Mineral Engineering	LME
I5	Paul Laxalt Mineral Research	LMR
C4	Pennington Annex	PA
C4	Pennington Medical Education Bldg.	PMB
G4	Police Department, University (inside Fitzgerald Student Services)	
B3	Purchasing Department	PD
K4	Real Estate Office (Quad)	REO
I8	Renewable Resource Center	RRC
C2	Reno KNPB Bldg.	RKB
G4	Reynolds School of Journalism	RSJ
D4	Robert Cashell Fieldhouse	CFH
I5	Ross Hall	RH
E4	Sagebrush Newspaper Office (inside JCSU)	SNO
J5	Sarah H. Fleischmann Bldg.	SFB
B4	Savitt Medical Science	SMS
B4	School of Medicine	
G5	Schulich Lecture Hall	SLH
H5	Scrugham Engineering/Mines	SEM
J3	Sierra Hall (formerly University Inn)	SH
H3	Sierra Street Parking Complex	SPC
D4	Sports Medicine Complex	SMC
D4	St. Mary's and Nevada Physical Therapy	FC
D4	Student Health Center (Brigham Bldg.)	FSSB
G4	Student Services, Fitzgerald	JCSU
E4	Student Union	
D2	Tennis Courts	TB
I4	Thompson Bldg.	TV
D5	University Village	UV
C2	U.S. Post Office	USPO
H4	USAC (inside Virginia Street Gym)	
J8	Valley Road Greenhouse Complex	VRGC
H4	Virginia Street Gym (Old Gym)	VSG
D3	West Stadium Parking Complex	WSPC
H4	White Pine Hall	WPH
B4	Whittemore-Peterson Institute	WPP
C5	William J. Peccole Park	WPP
G4	William J. Raggio Bldg.	WRB
C7	Wolf Pack Athletics East	WPAA
C5	Wolf Pack Park/John Sala Intramural Fields	