

Janet Napolitano, Governor of the State of Arizona, has proclaimed

November 14 – 20, 2005
Valley Fever Awareness Week

in recognition of the outstanding treatment and research conducted by the Valley Fever Center for Excellence (VFCE) at the University of Arizona and the Southern Arizona Veterans Administration Healthcare System. The VFCE is planning a full schedule of events in recognition of Valley Fever Awareness Week. Highlights of the week include:

Thursday, November 10th 2005

6:30 pm, Channel 6 (KUAT)

In recognition of the upcoming Third Annual Valley Fever Awareness Week, this Thursday's edition of Arizona Illustrated (KUAT) will feature a segment on Valley Fever, a common lung disease in Arizona caused by a soil-dwelling fungus. Host Bill Buckmaster will discuss the impact of Valley Fever and new drugs to combat the disease with Dr. John Galgiani, BIO5 faculty member and Director of the Valley Fever for Excellence, and Dr. Raymond Woosley, President and CEO of The Critical Path Institute (C-Path).

Tuesday, November 15th 2005

12:00 pm, Kiewit Auditorium, Arizona Cancer Center

The 10th Annual Farness Lecture: Demosthenes Pappagianis, MD, PhD, Department of Medical Microbiology and Immunology, School of Medicine, University of California, Davis will present **“The importance of coccidioidomycosis to the public health of the southwest.”** Sponsored by the Valley Fever Center for Excellence and the Arizona Respiratory Center in conjunction with the College of Public Health Grand Rounds.

2:00 – 4:30 pm, North Ballroom, Student Union Memorial Center

Valley Fever Awareness **Poster Session** depicting the scope of research currently underway in Arizona. Sponsored by the Valley Fever Center for Excellence and BIO5 Institute. See below for topics.

Friday, November 18th 2005

12:00 - 1:00 pm, Telemedicine Lecture

“Coccidioidomycosis for Arizona Physicians,” a research conference moderated by Peter Kelly, MD, AZ Department of Health Services (AzDHS). Presenters: Peter McKellar, MD, Infectious Disease Practitioner, Shauna Anderson, AzDHS, John Galgiani, MD, VFCE, and Kenneth Ryan, MD, Dean, Academic Affairs, College of Medicine.

Sponsored for category 1 AMA/PRA credit by Banner Health:

Banner Health designates this educational activity for a maximum of 1 category 1 credit(s) towards the AMA Physician's Recognition Award.

For further information contact Lisa Gelia at the Valley Fever Center for Excellence at 520-629-4777 or vfever@email.arizona.edu.

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Related Events

The Valley Fever Vaccine Project of the Rotary Clubs will be presented at various Rotary Meetings throughout the Phoenix area. Meeting fees vary depending on format. Please contact the VFCE for further information.

Tuesday, November 8, 2005	Glendale Rotary Noon
Thursday, November 10, 2005	Del Sol Rotary 7:00 am
Tuesday, November 15, 2005	Surprise Rotary 6:30 am
	Wickenburg Rotary Noon
Thursday, November 17, 2005	Bullhead City Rotary
Tuesday, November 22, 2005	Sun City Rotary

Valley Fever Facts

Come learn the causes, symptoms, risk factors, complications, prevention, prevalence, diagnosis and treatment of Valley Fever. Presented by Dr. Craig Rundbaken, D.O.

Please call the Sun HealthLine at 623-876-5432 to register.

Date/Time: Monday, November 7th 1:30 - 3:30 p.m.

Location: Memorial Hall in the Support Services Building
Sun Health Boswell Hospital
13180 N. 103rd Drive
Sun City, AZ

Valley Fever Awareness Poster Session Topics

Antifungal Drug Development

Developing Nikkomycin Z as a new treatment for coccidioidomycosis

D Nix, R Hector, J Galgiani

Dept of Pharmacy Practice and Science, College of Pharmacy, University of Arizona

Biosynthesis of Nikkomycin Z by *Streptomyces tendae*

A Dahlgran, V Bandarian

Dept of Biochemistry & Molecular Biophysics, College of Science, University of Arizona

Efficacy of ambrutucin analogs against coccidioidomycosis in a mouse model of infection

L Shubitz, J Galgiani, Z-Q Tian, Z Zhong, L Katz, P Timmermans

Dept of Veterinary Science & Microbiology, College of Agriculture & Life Sciences,
University of Arizona

Vaccine Development

Evaluation of a Peroxisomal Matrix Protein (PMP) from *Coccidioides posadasii* as a Vaccine

T Peng, K Orsborn, E Kellner, P Haynes, L Shubitz, J Galgiani

Valley Fever Center for Excellence, College of Medicine, University of Arizona

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Proteomic analysis of *Coccidioides* spp. for the Identification of Potential Protein Vaccine Targets

J Rohrbough, P Haynes, J Galgiani

Dept of Biochemistry & Molecular Biophysics, College of Science, University of Arizona

Immunology

TLR2 is required for activation of human peripheral blood monocytes by the coccidioidal antigen preparation T27K

N Ampel, D Nelson, A Herman

Dept of Medicine, College of Medicine, University of Arizona

Coccidioides Spherules Induce Human Dendritic Cell Maturation and Activation

S Dionne, Y Ruiz, A Podany, N Ampel, D Lake

Dept of Microbiology & Immunology, College of Medicine, University of Arizona

Ultrastructural morphology of *Coccidioides* spp in murine lung granulomata

S Dial, C Langdon, D Bentley, L Shubitz

Dept of Veterinary Science & Microbiology, College of Agriculture & Life Sciences, University of Arizona

Epidemiology of Clinical Illness

Quantitation of fatigue in human coccidioidomycosis

O Mourani, J Muir Bowers, N Ampel

Dept of Medicine, College of Medicine, University of Arizona

Coccidioidomycosis: A Common Cause of Community Acquired Pneumonia

E Lindberg, M Wright, D Nix, L Valdivia, T Fagan, D Lieberman, T Stoffer,

N Ampel, J Galgiani

Dept of Emergency Medicine, College of Medicine, University of Arizona

Evaluation of an Enhanced Diagnosis and Treatment Program for Coccidioidomycosis, Kern County, CA

L Burwell, S Fridkin, B Park

Centers for Disease Control and Prevention, Atlanta, GA

Preliminary results of a population based epidemiological study of coccidioidomycosis in greater Tucson, Arizona

J Tabor, MK O'Rourke

Office of Arid Lands Studies, College of Agriculture & Life Sciences, University of Arizona

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Epidemiology of Coccidioidomycosis in Arizona

S Anderson, L Erhart, K Komatsu, D Engelthaler
Arizona Department of Health Services, Phoenix, Az

Mycology

Some Like it Hot: Differences in Thermotolerance of *Coccidioides* species

B Barker, S Statt, J Galgiani, M Orbach
Div of Plant Pathology, Dept of Plant Sciences, College of Agriculture & Life Sciences, University of Arizona

Serial Analysis of Gene Expression in *Coccidioides posadasii*

E Kellner, MA Mandel, J Galgiani, M Orbach
Div of Plant Pathology, Dept of Plant Sciences, College of Agriculture & Life Sciences, University of Arizona

Ecology

Population Genetics of Southern Arizona Isolates of *Coccidioides posadasii*

B Barker, M Orbach, J Galgiani, S Kroken
Div of Plant Pathology, Dept of Plant Sciences, College of Agriculture & Life Sciences, University of Arizona

Development of a Microsatellite Genotyping Assay for Clinical *Coccidioides* sp. Isolates in Arizona

G Cage, E Clark, K Jewell
Arizona Department of Health Services, Phoenix, Az

Modeling Climate Effects on *Coccidioides* Growth and Dispersion via Coccidioidomycosis Incidence

A Comrie
Dept of Geography & Regional Development, College of Social & Behavioral Sciences, University of Arizona

Monitoring of Environmental Air Samples for *Coccidioides* sp. Through PCR and Real-Time PCR

M Burrell, L Kemp, M Williams
Arizona Department of Health Services, Phoenix, Az