62ND ANNUAL COCCIDIOIDOMYCOSIS
STUDY GROUP SCIENTIFIC MEETING

AGENDA

SATELLITE MEETING
Coccidioidomycosis and Public Health
April 13, 2018
Northern Arizona University
High Country Conference Center
Flagstaff, Arizona

SCIENTIFIC MEETING
Presentations of Original Research Regarding Coccidioidomycosis
April 14, 2018
High Country Conference Center
Northern Arizona University
Flagstaff, Arizona
1:00 P.M. Welcome and Introductions - Orion McCotter

1:15-1:30 VALLEY FEVER IS UNDER-RECOGNIZED EVEN IN THE ENDEMIC AREAS

1:30-1:45 TESTING FOR COCCIDIOIDOMYCOSIS IN ARIZONA EMERGENCY DEPARTMENTS
Adame G (CSG-49)

1:45-2:00 CHALLENGES IN COCCIDIOIDOMYCOSIS SURVEILLANCE IN WASHINGTON STATE: PROVIDER AWARENESS AND LABORATORY REPORTING
Oltean H, Hubber J, Fuller M (CSG-19)

2:00-2:15 Group Discussion: Enhancing Awareness.

2:15-2:30 COCCIDIOIDOMYCOSIS CASES WITH PERSISTENTLY POSITIVE TEST RESULTS
Khan M (CSG-50)

2:30-2:45 ENHANCED SURVEILLANCE OF COCCIDIOIDOMYCOSIS IN SAN DIEGO COUNTY, 2014-2016
Arizmendi O, Fabian E, Balagot C, Iniguez-Stevens E, Kao A (CSG-45)

2:45-3:00 RECENT TRENDS IN COCCIDIOIDOMYCOSIS IN THE DEPARTMENT OF VETERANS AFFAIRS (VA)
Lucero-Obusan C, Holodniy M (CSG 37)

3:00-3:10 Roundtable Discussion: Surveillance.

3:10-3:30 Break

3:30-3:45 DIRECT DETECTION OF COCCIDIOIDES FROM AIR SAMPLES IN PHOENIX, ARIZONA
Litvintseva A (no abstract received)

3:45-4:00 Group Discussion: Environmental Sampling Applications
4:00-4:15  DETERMINING OCCUPATIONAL CAUSATION OF COCCIDIOIDOMYCOSIS - TWO CASE STUDIES
Nicas M (CSG-20)

4:15-4:40  COCCIDIOIDOMYCOSIS AMONG WORKERS CONSTRUCTING A SOLAR POWER FARM IN MONTEREY, CALIFORNIA, 2016-2017

4:15-4:40  COCCIDIOIDOMYCOSIS AMONG INMATE WILDLAND FIREFIGHTERS IN CALIFORNIA, 2017

4:40-5:00  Roundtable Discussion: Outbreak Mitigation.

5:00-5:05  Concluding Remarks: Orion McCotter

Dinner  On your own

SCIENTIFIC MEETING: APRIL 14, 2018

7:00-8:00 A.M.  Continental Breakfast/Registration

8:00-8:15  Welcome and Announcements - Neil Ampel

Poster Presentations
Moderator: The Program Committee

SMALL MOLECULE SCREENING OF EUKARYOTIC RECOMBINANT CHITIN SYNTHASE IN COCCIDIOIDES POSADASII
Roeder A, Mitchell N, Lake D (CSG-25)

DETERMINING THE AMOUNT OF COCCIDIOIDES PRESENT IN A SOIL SAMPLE BASED ON QUANTITATIVE PCR ANALYSIS
Kollath D, Barker B (CSG-40)

COCCIDIOIDOMYCOSIS IN CANIS LUPUS FAMILIARIS
Parra K, Mead H, Kollath D, Teixeira M, Barker B (CSG-30)
LARGE-SCALE COCCIDIOIDES SOIL SAMPLING METHOD
Erickson R, Kollath Dan, Barker B (CSG-43)

HEAT TREATMENT TO INACTIVATE RISK GROUP 4 COCCIDIOIDES SPP.
Blackmon A, Mead H, Vogler A, Barker B (CSG-21)

COCCIDIOIDOMYCOsis WITH STRONGYLOIDIASIS AND POSSIBLE OTHER FUNGAL CO INFECTION
Nandurkar N (CSG-48)

DISSEMINATED COCCIDIOIDOMYCOsis IN THE PRE-AMPHOTERICIN ERA: EXAMINATION OF THE VA-ARMED FORCES DATABASE

A CASE OF COCCIDIOIDOMYCOsis DISSEMINATED TO THE KIDNEY
Coleman J, Heidari A, Hillyer S (CSG-24)

TARGETED SEROLOGICAL SURVEY OF CANINES FOR COCCIDIOIDES IN WASHINGTON: A PROOF OF CONCEPT PROJECT

EXPLORING POSSIBLE ECOLOGICAL NICHES FOR COCCIDIOIDES SPECIES ENDEMIC IN NEW MEXICO
Hamm P, Hutchinson M, Melman S, Natvig D (CSG-17)

PULMONARY COCCIDIOIDOMYCOsis PRESENTING WITH INTERLOBULAR SEPTAL THICKENING
Joshua J, Crotty-Alexander L (CSG-1)

SEVERE DISSEMINATED COCCIDIOIDOMYCOsis IN A DOG WITH A MONOCLONAL GAMMOPATHY

A CASE OF PRIMARY COCCIDIOIDOMYCOsis COMPLICATED BY EMPYEMA
Galant-Swafford J, Light M, Rawlings S, Chen F, Fierer J, Landsberg W (CSG-9)

PERITONEAL COCCIDIOIDOMYCOsis PRESENTING AS A HERNIA

LOCUS MINORIS RESISTENTIAE IN COCCIDIOIDOMYCOsis
Sherpa N, Heidari A, Johnson R. (CSG-31)

TRENDS IN LABORATORY RESULTS OF REPORTED COCCIDIOIDOMYCOsis CASES IN ARIZONA, 2013–2017
Khan M, Brady S, Adame G, Komatsu K (CSG-5)

SEASONAL KERN COUNTY FARM WORKERS' KNOWLEDGE, ATTITUDES, BELIEFS AND BEHAVIORS REGARDING COCCIDIOIDOMYCOsis (CDC/NIOSH 5U01OH010839)
Sipan C, Portillo-Silva C, Bang H, McCurdy S (CSG-42)
Laboratory and Basic Science
Moderator: Bridget Barker

8:15-8:30  
**ANTI-COCCIDIOIDAL COMPLEMENT-FIXING TYPE (CF) ANTIBODIES RECOGNIZE FEW IF ANY CONTINUOUS EPITOPES OF THE CF ANTIGEN, CTS1.**
Zong Y, Peng T, Johnson M, Lewis L, Frelinger J, Galgiani J (CSG-11)

8:30-8:45  
**DEVELOPMENT OF A HIGH THROUGHPUT IMAGING FLOW CYTOMETRY (IFC) METHOD TO QUANTIFY FUNGAL CELLULAR STATES**
Hung C, McMahon C, Marisol E, Yu J (CSG-29)

8:45-9:00  
**MEASURING THE NATURAL COURSE OF ANTIBODY PRODUCTION IN COCCIDIOIDES EXPOSED DOGS**

9:00-9:15  
**DEVELOPMENT PATHWAY AND PROGRESS TOWARDS A USDA-APPROVED AVIRULENT LIVE VACCINE TO PREVENT COCCIDIOIDOMYCOSIS IN CANINES**

9:15-9:30  
**VALLEY FEVER COMPANION DIAGNOSTIC**
Stafford P (CSG-18)

9:30-9:45  
**ASSAYS TO OBTAIN vNAR FRAGMENTS FOR ENVIRONMENTAL COCCIDIOIDES spp.**
Lopez-Tello J, Cabanillas-Bernal Ol, Licea-Navarro A, Riquelme M (CSG-22)

09:45-10:00  
**HOST-PATHOGEN PROTEIN PROFILING OF COCCIDIOIDOMYCOSIS IN MULTIPLE HOST SPECIES**
Mitchell N, Grys T, Lake D (CSG-23)

10:00-10:30  **Break and Posters Visitation**
Epidemiology-Ecology
Moderator: Rebecca Sunenshine

10:30-10:45 REVIEW OF COCCIDIOIDOMYCOSIS ENDEMIC PARAMETERS IN MÉXICO
Castañón-Olivares L, Muñiz-Salazar R, Candolfi O, Lezama A (CSG-44)

10:45-11:00 THE EFFECTS OF CLIMATE CHANGE ON COCCIDIOIDOMYCOSIS ENDEMIC REGIONS IN THE UNITED STATES
Gorris M, Treseder K, Zender C, Randerson J (CSG-14)

11:00-11:15 COCCIDIOIDOMYCOSIS IN THE SURROUNDING LAND MASSES OF THE CARIBBEAN SEA IS CAUSED BY CRYPTIC COCCIDIOIDES POSADASII POPULATIONS

11:15-11:30 INCREASE IN REPORTED COCCIDIOIDOMYCOSIS CASES IN ARIZONA FROM OCTOBER, 2017 THROUGH JANUARY, 2018
Bezold C, Khan M, Brady S, Adame G, Sunenshine R, Komatsu K (CSG-34)

11:30-12:00 Business Meeting - Moderator Neil Ampel
I. Nominations for outgoing Board Officers (floor nominations are ok)
   • Program Director:
   • Treasurer:
   • Nominations Chair:
   • Web Site Chair:
   • Veterinary Representative:
II. CSG-63 (2019) meeting site: U.C., Davis-Sacramento. George Thompson III will host.
III. CSG-64 (2020) site: Phoenix, Tucson, New Mexico or San Antonio, TX. Host TBD.
IV. Treasurer's Report: Royce Johnson
V. Announcements:
   • President's award for Performance Excellence is Karl V. Clemons, Ph.D.
   • No Travel Grants were awarded.
VI. Other New Business
VII. Board of Directors meeting will be at 5:00, to include new members.
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<tr>
<th>Time</th>
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<td>12:00</td>
<td>Lunch Break</td>
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<td>1:00</td>
<td>Posters Visitation</td>
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<td>1:30-1:45</td>
<td>Clinical Science</td>
<td>THE UTILITY OF SCREENING FOR COCCIDIOIDOMYCOSIS IN RECIPIENTS OF ANTI-TUMOR NECROSIS FACTOR ALPHA THERAPY</td>
<td>Blair J, Choi K, Deval N, Vyas A (CSG-7)</td>
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<td>1:45-2:00</td>
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<td>THE VALUE OF ROUTINE SEROLOGICAL SCREENING FOR COCCIDIOIDOMYCOSIS IN PATIENTS ON ANTIRHEUMATIC THERAPY</td>
<td>Bilal J, Sudano D, Kollampare S, Bode B, Lisse J, Hoover S, Ampel N (CSG-35)</td>
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<td>2:00-2:15</td>
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<td>COCCIDIOIDOMYCOSIS COMPLEMENT FIXATION TITER TRENDS IN THE AGE OF ANTIFUNGALS</td>
<td>McHardy I, Dinh B, Thompson G III (CSG-12)</td>
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<td>2:15-2:30</td>
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<td>A RETROSPECTIVE REVIEW OF CANINE COCCIDIOIDOMYCOSIS CASES AT A TERTIARY CARE CENTER IN TUCSON</td>
<td>Butkiewicz C, Shubitz L (CSG-10)</td>
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3:05-3:15 **ANTIBIOTIC AND ANTIFUNGAL TREATMENT AMONG PATIENTS WITH COCCIDIOIDOMYCOSIS IN SOUTHERN CALIFORNIA 2011**

3:15-3:30 **Roundtable Discussion of Strategies to Avoid Diagnostic Delay**

3:30-4:00 Break and Posters Visitation

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**Case Reports**
* Moderator: Neil Ampel*

4:00-4:15 COCCIDIOIDOMYCOSIS OF THE EPIDIDYMIS AND TESTIS PRESENTING AS A TESTICULAR MASS
Sheikhan Nazanin, Heidari Arash, Hillyer Shahab (CSG-39)

4:15-4:30 COCCIDIOIDAL MENINGITIS WITH VASCUITIC MYCOTIC ANEURYSMS: A CASE AND REVIEW
D'Assumpcao C, Kaur S, Chen J, Johnson R, Heidari A (CSG-28)

4:30-4:45 COCCIDIOIDOMYCOSIS CHORIORETINITIS
Nordstrom B, Heidari A, Johnson R H, Chawla A (CSG-32)

4:45-5:00 SALVAGE THERAPY WITH ISAVUCONAZOLE FOR THE TREATMENT OF COCCIDIOIDAL MENINGITIS: A CASE REPORT
Ngai T, Mu A (CSG-2)

5:00 Concluding Remarks: Neil Ampel

7:00 CSG Banquet (pre-paid) at Restaurant 1899
( across from the High Country Conference Center)

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Co-Hosts for CSG-62 in Flagstaff, Arizona

Bridget Barker    Joel Terriquez

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<td>Bridget Barker</td>
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