

Division of
Infectious Diseases
Fellowship Program



COLLEGE
OF MEDICINE

Much has happened since last year's Newsletter including 3 conferences where much was learned and good fellowship was enjoyed. As you can see from the description of those conferences (page 2) many new ID topics were introduced. The Main Campus consultation service is now so busy that we have two Fellows on the rotation every month as well as the usual 1-2 residents and medical and pharmacy students. Didactic teaching occurs on Tuesday afternoon for one hour and on Friday afternoons for a 3.5 hour block. All recent graduates have done outstanding on their boards and we congratulate all of them on their accomplishment.



A beautiful day at the 8th annual Desert Museum ID Conference, February, 2014. Wasl, Mayar with Tirdad talking about paragonimiasis in the Americas, David, Ahmad, Joe, John, Sean, Luis and Anca all listen; Tim and Jack in the shadows. (Photo Qin Chen)

Fellow News

Graduates of 2005

Kalpana Natrajan is still in private practice in San Diego, **Lisa Valdivia** continues in private infectious disease practice at SAIDS.

Graduate of 2006

John Mourani, John remains in an ID group of four in San Dimas, CA and recently emailed to alert us to the fact he is looking for more partners.

Graduates of 2007

Brian Chasin is at Oro Valley Hospital and **Andy Giblin** has two children and is doing well, living in Tucson.

Graduates of 2008

Cliff Martin directs the Fellow program at Tucson Medical Center. He has built a state-of-the-art antibiotic infusion center and the Fellows will be rotating with him to share in this knowledge. **Shannon Thorn** is in private infectious disease practice in Tucson at St. Mary's and Northwest Hospitals.

Graduate of 2009

Fares Masannat is in Sioux Falls, South Dakota where he is in another ID group other than **Susan Hoover** who moved there last year.

Graduates of 2010

Larissa Szeyko, when last we heard is in El Paso, TX. **Viki Ianas** is in private practice in Phoenix. She now has two daughters. Her work in frailty and HIV has led to two further publications and a pending grant application.

Graduates of 2011

Geoffrey Smith is in a private practice group in Tucson. **Amber Noon** has moved from the ID group at TMC and is now practicing in Denver, Colorado.

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Division of Infectious Diseases

Graduates of 2012

James Yanes has moved to Washington state. **Joel Terriquez (6/12)** is in practice in Flagstaff, AZ and is doing great and very busy. **Miriam Grigor (12/12)** is in practice in Sacramento, CA with Kaiser Permanente.

Graduates of 2013

Ram Seddabattula (6/13) joined a group in Phoenix, AZ and he telephones us not infrequently. **Tatyana Shekhel (12/13)** joined a group in Phoenix and is enjoying her new career. She became engaged recently.

Current Fellows

Jack Ajmeri (6/14) will become the ID consultant at UA College of Medicine – South Campus after graduating from the program. He will be mentoring the Fellows when assigned to UA College of Medicine – South Campus. **Wasl Al-Adsani** began in January 2013 just in time to inaugurate the new two fellow consult team at UA College of Medicine – University Campus. He has already reestablished the fecal transplant service begun by Geoffrey Smith years before.

Ahmad Salameh (6/15) is joining us from the UA College of Medicine residency program and **Luis Medina (6/15)** from Maricopa County Hospital Medicine residency program in July 2013.

Incoming Fellows

Razan Al Ramadi starts in August 2014 after finishing her Medical Residency at the UA College of Medicine. She is already working on a paper with Tirdad Zangeneh concerning coccidioidomycosis and transplant.

Rafael Urcea joins us as well in July 2014, leaving a hospitalist practice in Phoenix.

Conferences

7th Annual Desert Museum Walk and Dinner. We met August 10th for this conference and the turnout was excellent although it was quite hot. Sean Elliott talked about global climate change and emerging infections, Mayar Al Mohajer, cats and tularemia; Tim Kuberski, about transmission of *Giardia* by dogs to humans; Anca Georgescu, TB from humans to animals; John Bloom, Coronaviruses and bats by Mike Habib; bear hibernation and the kidney by Cliff Martin; phaeohyphomycosis and wildlife by Tirdad Zaneneh; David Nix talked about coyote plague as indicators of human cases; Phil Factor addressed Hanta virus and the brush mouse; Jack Ajmeri gave a case of orf and during dessert Justin Schmidt presented tarantulas to the guests.

The **Sonita Conference** was November 8 and 9, 2013 and featured an excellent luncheon at the Steak Out Saturday noon preceded by a morning conference with talks by Elliott and Sobonya with similar themes of “Look elsewhere”; Craig Brown, *Salmonella* cellulitis; Mike Habib, the case of the disappearing pleural effusion; cases by Luis Medina and Jack Ajmeri and Eskild Petersen presented the “Case of the brilliant albino researcher.” A short test was administered and Tim Kuberski was the winner of the featured wine. Everyone had a great social gathering and Bob Hyland (whose home is in Sonita) attended as well.

8th Annual Desert Museum Walk and Dinner. We decided to change this conference to earlier in the year because of the heat during the last two years when conducting the walks in July. So we met on Saturday, February 15th at 10:00 AM to beat the heat this year. Tirdad talked about *Paragonimus kellicotti*; Wasl Al Adsani, anisakidosis; Joe Alpert about anthrax in deer in Texas; David Nix, *Mycoplasma ovipneumoniae*; Mayar, rinderpest; John Po, enterohepatic *Helicobacter*; Tim Kuberski, *Aedes aegypti* and dengue in Tucson; Justin Schmidt, how to tell *Aedes* from *Culex* from *Anopheles*; Ahmad Salameh, *Diphyllobothrium dendriticum*; Luis Medina, Powassan fever and Sean Elliott, foie gras and bovine spongiform encephalopathy. This was followed by a great picnic lunch in the Brown Mountain picnic area near the museum.

The **Sedona ARIDS** meeting was in March 2014 and the venue moved back to the Enchantment Resort under the leadership of Tim Kuberski. There were three excellent presentations by our Fellows: Jack Ajmeri presented a case of pulmonary *Mycobacterium malmoeense*, Ahmad Salameh, a case of chronic EBV and Luis Medina presented a case of RMSF.



Some never listen. This ram refused to listen to Mayar's discussion of rinderpest. (Photo Qin Chen)





John Po and Eskild at the Sonoita meeting; Martha in the background. (photo T. Kuberski)



Mayar, Jack and Cal at the Sonoita conference. (photo T. Kuberski)

Faculty and Staff

Newcomers to the faculty include **John Po** who joined in March 2014 to become the Fellowship Director. He comes from Banner Health in Phoenix as well as the UA College of Medicine – Phoenix. **Jack Ajmeri** will become the Attending ID physician at the UAMC – South Campus following graduation from Fellowship. **Hooshang Nematollah**, NP, joined us in June 2014 and he will be seeing patients in Refugee Clinic, Antibiotic Clinic and serving as PCP for some of our HIV patients.

Rod Adam, emeritus, was in town in December 2013, home from Kenya. He has successfully established a medical microbiology program in Nairobi and we hope to be sending some Fellows to stay with him during their training.

Mayar Al-Mohajer has interests in staphylococcal infections and he heads up the Antibiotic Stewardship Program with David Nix and Katie Matthias.

Neil Ampel continues to focus on coccidioidomycosis and shares attending duties at the VA with Chinh Nguyen.

Sean Elliott is Program Director of the Pediatrics Residency program but makes time to come to the pediatrics/ adult Friday morning conference. He emceed the Desert Museum walks as well as the Sonoita conference.

Anca Georgescu is busy directing the Ryan White Clinics as well as directing intravenous antibiotic administration. She had another daughter this year, Natalie.

Bob Kalinske comes every week to the ID conference and gives several lectures to the Fellows each year.

Steve Klotz continues to work on *Candida* and amyloid and has several projects dealing with kissing bugs.

Tim Kuberski is faculty at the UA College of Medicine – Phoenix and always attends the Museum and Portal conferences. He recently steered Luis Medina our way who joined us as a Fellow in July, 2013.

Bill Martone formerly with the CDC, has retired to Arizona and attends the Friday conferences. He is giving Medicine Grand Rounds in July on “CDC mystery cases.”

Katie Matthias along with Dave Nix has been instrumental in forming an Antibiotic Stewardship program for the Main Campus.

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Klotz and Elliott working with age-old gadgetry. (Photo T. Kuberski)

Faculty and Staff

Yasuhiro Nakatani retires from UA in June 2014 and will be moving to Japan to work in an HIV clinic as well as take care of his folks.

David Nix along with Katie and Mayar Al Mohajer made an excellent start on the UA Health Network Antibiotic Stewardship.

Chinh Nguyen continues as attending at the VA as well as giving daily lectures to the Fellows when on service.

Eskild Petersen, emeritus, joined all of us in Sonoita for the ID conference and gave an interesting talk.

George Ray continues to train young ID physicians, coming to every Friday conference.

Kareem Shehab is a busy teaching, consulting and working on research.

Ziad Shehab continues with his tireless schedule of teaching and attending.

Richard Sobonya gives the monthly ID/Pathology conferences and published two excellent articles with the Fellows this past year.

Calvin Kunin, emeritus, continues to publish his photographs of birds in the *New England Journal of Medicine*. He attended the Sonoita conference last year.

Gordon Trenholme head of ID at Rush in Chicago, bought a home in Tucson and comes to Friday conferences when in town. He recently presented an interesting case of *Plasmodium vivax*.

Tirdad Zangeneh has established a large transplant patient population and deals with the infectious disease issues in these patients. He is also Assistant Program Director for the UA College of Medicine Residency Program – University Campus. He recently assumed Co-directorship of Prologue, the first week of medical school.

Hooshang Nematollahi joins the Division from the Transplant Service to head up the Refugee Clinic.



Getting lunch ready at Brown Mountain picnic ground (Photo Qin Chen)



Lectures at the picnic ramada.

Faculty and Staff

Martha Aragon the Administrative Associate for the Division of Infectious Diseases, sends her love to all former Fellows.

Cesar Egurrola is the Clinical Coordinator and oversees the Medical Case Management Program for the Petersen Clinic patients.

Michael Casteneda has joined the HIV team and is medical case manager for South Campus as well as working with Mental Health with the patients. He comes with years of experience in the Mental Health field.

Ruth Hillman has joined the Petersen HIV Clinics and identifies and enrolls newly diagnosed patients through the Emergency Room as well as testing partners of positives and retaining patients in care. Ruth also supervises the numerous student workers that help with the Petersen Clinics.

Robert Gadsden is a medical case manager for the Ryan –White Program at Main Campus.

Natasha Korosteleva is the Program Coordinator for the Refugee Preventive Health Screening Program and oversees the 800-1200 refugees who enter Pima County each year.

Patricia McCracken retired from the Ryan White Program in 2013 and is enjoying her free time. She is replaced by Anne Kautza who has now taken over the reins of the large Tuesday HIV clinic at UAMC – University Campus.

Carol Schneiderman retired from the Ryan White Program in June 2014 but may be working on some special projects.

Shannon Smith is the Program Director for the Ryan White Clinics and will head up projects of special interest for ID in 2014.

Recent student workers and volunteers in the Division include **Cameron Price, Fernanda Egurrola, Willa Gorman, Juan McElroy and Michael Sandoval.**



Fellow Publications, Abstracts & Presentations

Sobonya, RE, **J Yanes**, SA Klotz. Cavitary Pulmonary Coccidioidomycosis: Pathologic and Clinical Correlates of Disease. *Human Pathology*, 2013.

Salameh A, Klotz SA, Zangeneh TT. Disseminated Infection Caused by *Eggerthella lenta* in a Previously Healthy Young Man: A Case Report. *Case Rep Infect Dis*. 2012;2012:517637

Rees HC, **Ianas V**, McCracken P, Smith S, Georgescu A, Zangeneh T, Mohler J, Klotz SA. Measuring frailty in HIV-infected individuals. Identification of frail patients is the first step to amelioration and reversal of frailty. *J Vis Exp*. 2013 Jul 24;(77). doi: 10.3791/50537

Bennett, **T. Shekhel**, and M. Radelet. *Orthopedics* Isolated *Lactobacillus* chronic prosthetic knee infection: A case report. M. Miller, D. Shekhel, Robert W. Ricciotti, Janis E. Blair, Thomas V. Colby, Richard E. Sobonya, and Brandon T. Larsen. When *Coccidioides* infects the pleura: a 13-year multi-institutional experience with clinical and pathologic review of 36 cases of coccidioidomycotic pleuritis. *Human Pathol*.

Medina, Luis. Case of hematophagocytic syndrome. ARIDS, Sedona, March 2014.

Ahmad Salameh. Case of chronic EBV syndrome. ARIDS, Sedona, March 2014.

Jack Ajmeri. *Case of Lady Windemere's fan*. ARIDS, Sedona, March 2014.

Terriquez, JA, SA Klotz, EA Meister, JH Klotz and JO Schmidt. Repellency of DEET, Picaridin and three essential oils to *Triatoma rubida* (Hemiptera: Reduviidae: Triatominae). *Journal of Medical Entomology*, In Press.

Shekhel, T. A case of blastomycosis. Arizona Infectious Diseases Society Annual Meeting, 2013.

Grigor, L. and Hoover, S. Prevalence of *Nocardia* Species at the University of Arizona Medical Center. Poster presentation, ID Week 2012, San Diego, California, October 2012. Hoover, S.E., Knowles, S.L., Taroumian, S., Ampel, N.M., Galgiani, J.N.

Seddabattula, R, and Lisse, J.R. 2012. Management and Outcomes of Coccidioidomycosis in 66 Rheumatologic Patients. Poster presentation, IDWeek 2012, San Diego, California, October 2012.

Seddabattula RS. Syphilis. In: Katz MD, Matthias KR, Chisholm-Burns MA, eds. *Pharmacotherapy Principles and Practice Study Guide: A Case Based Care Plan Approach*, 3rd ed. New York: McGraw Hill Medical, in press.

Taroumian, S., Knowles, S.L., Lisse, J.R., **Yanes, J**, Ampel, N.M., Vaz, A., Galgiani, J.N., and Hoover, S.E. Management of coccidioidomycosis in patients receiving biologic response modifiers or disease-modifying antirheumatic drugs. *Arthritis Care & Research*, in press, PMID 22745051.

Joel Terriquez. Good News, Bad News." Arizona Infectious Disease Society Annual Meeting, Sedona, March, 2012.

Miriam Grigor. "Staphylococcus capitis endocarditis." Arizona Infectious Disease Society Annual Meeting, Sedona, March, 2012.

Joel Terriquez. Least toxic chemicals to deter kissing bug bites. MET conference, Tucson, April 13, 2012.

Amber Noon, Geoffrey Smith, Susan Hoover. *Helicobacter vertebral osteomyelitis in an immunocompetent adult*. *Infectious Diseases in Clinical Practice*. In Press.

Larissa Szeyko, M.S. Taljanovic, R. Dzioba, J. Rapiejko, R.D. Adam. Vertebral coccidioidomycosis: presentation and surgical management. *American Journal of Medicine* 125: 304-314, 2012.

Joel A. Terriquez, Justin O. Schmidt, John H. Klotz, Stephen A. Klotz. Human-friendly chemical deterrents of kissing bug bites. Sonoran Medical Entomology Conference, Tucson, AZ, January 2011.

Voichita Ianas and Stephen A. Klotz. Cat Scratch Disease. *Pediatrics for Parents*

Smith, Geoffrey, Susan Hoover, Richard Sobonya and Stephen A. Klotz. Abdominal and pelvic coccidioidomycosis. *American Journal of Medical Sciences*.

Ianas, Voichita, Kathryn Mathias, Stephen A. Klotz. Role of Posaconazole in the Treatment of Oropharyngeal Candidiasis. *Infection and Resistance*. Klotz, Stephen A., Voichita Ianas, and Sean P. Elliott. Cat scratch disease. *American Family Physician*. 83: 152-155, 2011.



Fellow Publications, Abstracts & Presentations ***(Continued)***



Sonoita Inn. (Photo T. Kuberski)

Nagaraja, Vivek **Joel A. Terriquez**, Hemanth Gavini, Lokesh Jha and Stephen A. Klotz. Pulmonary Embolism Mimicking Pneumonia in an HIV Patient. *Case Reports in Medicine* Epub, June 14, 2010.

Klotz, SA and **Noon, A.** Hantavirus infections: Emphasis on Hantavirus Pulmonary Syndrome. *Essential Evidence Plus*, 2010; <https://www.essentialevidenceplus.com/>

Vinh, DC, **Masannat, F**, Dzioba, RB, Galgiani, JN, and Holland, SM. Refractory disseminated coccidioidomycosis and mycobacteriosis in interferon-gamma receptor 1 deficiency. *Clin. Inf. Dis.* 49: e62-65, 2009.

Thorn, ST, Brown, MA, **Yanes, JJ**, Sherrill, DL, Pugmire, J, Anderson, KA and Klotz, SA. Pulmonary nocardiosis in cystic fibrosis. *Journal of Cystic Fibrosis* 8: 316-320.

Masannat FY, Ampel NM. Coccidioidomycosis in patients with HIV infection in the age of potent antiretroviral therapy. A cohort analysis. Poster; Annual Meeting of 48th ICAAC/46th IDSA, Washington DC, October 2008.

Ampel NM, **Giblin A, Mourani, JP**, Galgiani JN. Factors and outcomes associated with the decision to treat primary pulmonary coccidioidomycosis. *Clin Inf Dis* 48:172-178, 2009.

Ampel NM, Dionne SO, **Giblin A**, Podany AB, Galgiani JN. Mannose binding lectin serum levels are low in persons with clinically active coccidioidomycosis. *Mycopathologica* 2008 In press.

Sarah G, **Clifford P. Martin**, Stone M, Schneiderman C and SA Klotz. Substance Abuse and HIV Infection: Scope of the Problem and Management. Chapter, In Press for *Addiction in Medicine*, John Wiley and Sons 2008.

Martin, Clifford P, Fain M and SA Klotz. The Older HIV-Positive Adult: Critical Review of the Medical Literature. Submitted to *American Journal of Medicine* 2008.

Dionne SO, **Giblin Andrea**, Podany A, Chavez S, Klimecki W, and Neil Ampel. Serum mannose binding lectin (MBL) levels are low in patients with active coccidioidomycosis. Presented at 107th General Meeting of the American Society for Microbiology, Toronto, Ontario, Canada, May 22, 2007.





Downy woodpecker (Photo Cal Kunin)

Fellow Publications, Abstracts & Presentations (Continued)

Ampel NM, **Giblin Andrea**, and S. Chavez. Factors and outcomes associated with the decision to treat primary pulmonary coccidioidomycosis. Presented Annual Meeting of the Infectious Diseases Society of America, San Diego, CA, October 6, 2007.

Klotz SA, **Brian S. Chasin**, Powell B, Gaur NK and PN Lipke. Polymicrobial bloodstream infections involving *Candida* species: Analysis of patients and review of the literature. *Diagnostic Microbiology and Infectious Diseases* 59: 401-406 2007

Chasin, Brian, Sean P. Elliott and Stephen A. Klotz. Medical errors arising from outsourcing laboratory and radiology examinations. *American Journal of Medicine*. In Press

Mourani, Ousama and Stephen A. Klotz. Coccidioidomycosis. In: Roy, F.H., Fraunfelder, F.T. and Fraunfelder, F.W. *Current Ocular Therapy*. 6th Edition. W.B. Saunders Co., 2007. In Press.

Jennifer Bowers, **John Mourani**, Neil Ampel. Fatigue and coccidioidomycosis. Quantification and correlation with clinical, immunological, and nutritional factors. *Medical Mycology* 44: 585-90, 2006.

Mourani, John, Neil Ampel. Coccidioidomycosis and fatigue. Presented Western Society APCR, January 2006.

Natrajan, Kalpana, Brian D. Jansen, Eskild A. Petersen, and Stephen A. Klotz. Skin lesions in a wildlife biologist. *Clinical Infectious Diseases* 41: 209, 260-261, 2005.

Natrajan, Kalpana and Stephen A. Klotz. Nocardiosis. In: *In a Page. Infectious Disease*. Lippincott, Williams and Wilkins, Baltimore, MD, 2007; Eds. J. McCue and S. Kahane; pp. 244-245.

Natrajan, Kalpana and Stephen A. Klotz. Actinomycosis. In: *In a Page. Infectious Disease*. Lippincott, Williams and Wilkins, Baltimore, MD, 2007; Eds. J. McCue and S. Kahane; pp. 246-247.

Natrajan, Kalpana, Donna Wolk, Eskild Petersen. Hospital Epidemiology of MRSA. Presented Western Society APCR, Carmel, CA January 2004.

Valdivia, Lisa, David Nix, Mark Wright, Elizabeth Lindberg, Timothy Fagan, Donald Lieberman, T'Prien Stoffer, Neil Ampel and John Galgiani. Coccidioidomycosis as a common cause of community-acquired pneumonia. *Emerging Infectious Diseases* 12: 958-62, 2006

Valdivia, Lisa, Neil Ampel, John Galgiani. Coccidioidomycosis: a common cause of community-acquired pneumonia. Presented 49th Annual Coccidioidomycosis Study Group, Bass Lake, CA, April 2005.

