

CURRICULUM VITAE

Leslie Cockerham MD

Associate Professor
Department of Medicine
Division of Infectious Disease

OFFICE ADDRESS:

Hub for Collaborative Medicine
8701 Watertown Plank Road
Milwaukee, WI 53226

EDUCATION:

08/1998 - 02/2002 B.S. University of Wisconsin, Madison, WI
08/2003 - 05/2007 M.D. Northwestern University, Chicago, IL
07/2012 - 12/2014 M.A.S. University of California, San Francisco (UCSF), CA

POSTGRADUATE TRAINING AND FELLOWSHIP APPOINTMENTS:

06/2007 - 06/2008 Intern, Department of Medicine, University of California, San Francisco, CA
07/2008 - 06/2010 Resident, Department of Medicine, University of California, San Francisco, CA
07/2010 - 06/2011 Chief Resident, Department of Medicine, University of California, San Francisco, CA
07/2011 - 06/2014 Fellow, Infectious Diseases, University of California, San Francisco, CA

FACULTY APPOINTMENTS:

07/2010 - 06/2011 Clinical Instructor, Department of Medicine, University of California, San Francisco, CA
07/2013 - 10/2014 Clinical Instructor, Department of Medicine, University of California, San Francisco, CA
11/2014 - Present Assistant Professor, Department of Medicine, Medical College of Wisconsin, Milwaukee, WI

ADMINISTRATIVE APPOINTMENTS:

04/2016 - 02/28/18 Medical Director, AIDS Resource Center of Wisconsin, Milwaukee Wisconsin
03/2018 - Present Vice President of Medical Affairs, Vivent Health (previously ARCW), Milwaukee Wisconsin

HOSPITAL STAFF PRIVILEGES:

07/2010 - 06/2011 UCSF Medical Center, 505 Parnassus Avenue, San Francisco, CA 94143
07/2013 - 10/2014 UCSF Medical Center, 505 Parnassus Avenue, San Francisco, CA 94143
07/2013 - 10/2014 San Francisco General Hospital, 1001 Potrero Avenue, San Francisco, CA 94110
12/2014 - Present Froedtert Hospital, 9200 W. Wisconsin Avenue, Milwaukee, WI 53226

SPECIALTY BOARDS AND CERTIFICATION:

| <u>Board Certified</u> | <u>Issue Date</u> | <u>Expiration</u> |
|------------------------|-------------------|-------------------|
| Internal Medicine | 08/2010 | 12/2021 |
| Infectious Diseases | 10/2013 | 12/2023 |

| <u>Licensure</u> | <u>Number</u> | <u>Issue Date</u> | <u>Expiration</u> |
|--------------------|---------------|-------------------|-------------------|
| California License | A107527 | 05/2009 | 05/2015 |
| Wisconsin License | 63203 | 10/2014 | 10/2021 |

AWARDS AND HONORS:

2002 - Present Graduated in the Letters & Science Honors Program, UW-Madison
2010 Internal Medicine Chief Resident, UCSF
2014 Young Investigator Award, 21st Conference on Retroviruses and Opportunistic Infections; Boston, MA
2015 Best Junior Faculty Poster Presentation for Clinical/Translational Research at MCW Research Day, Medical College of Wisconsin
2016 - 2017 Excellence in teaching award in the M2 Pathologic Processes course, 2016-2017 academic year

MEMBERSHIPS IN HONORARY AND PROFESSIONAL SOCIETIES:

2011 - Present Infectious Disease Society of America
2012 - Present HIV Medicine Association

EDITORSHIPS/EDITORIAL BOARDS/JOURNAL REVIEWS:

Journal Review
06/2014 - Present Journal of Acquired Immune Deficiency Syndromes (JAIDS)
03/2015 - Present AIDS

LOCAL/REGIONAL APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

2017 - Present Midwest AIDS Training + Education Center (MATEC) WI Advisory Board Member

RESEARCH GRANTS/AWARDS/CONTRACTS/PROJECTS:**Prior****Peer Review**

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|----------------|--------------------------|
| Title: | NIH Loan Repayment Grant |
| Source: | NIH NIAID |
| Role & Effort: | Principal Investigator |
| Dates: | 07/01/2013 - 06/30/2015 |

Non-Peer Review

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| Title: | ACE-Inhibitors to Decrease Lymphoid Fibrosis and the Size of the Latent Reservoir in Antiretroviral-Treated, HIV-infected Patients: A Pilot Study |
| Source: | AmFAR, American Heart Association, Merck & Co, Inc. |
| Role & Effort: | Co-Investigator |
| Dates: | 07/2012 - 11/01/2016 |

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| Title: | The Use of Lymph Node Biopsies to Support HIV Pathogenesis Studies |
| Source: | NIH NIAID, Merck & Co, Inc. |
| Role & Effort: | Co-Investigator |
| Dates: | 07/2012 - 11/01/2016 |

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| Title: | Mentored Scientist Award |
| Source: | UCSF Center for AIDS Research |
| Role & Effort: | Principle Investigator |
| Dates: | 12/2012 - 04/2014 |

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| Title: | A Phase 3 Evaluation of Daclatasvir and Sofosbuvir in Subjects Coinfected with Human Immunodeficiency Virus (HIV) and Previously Untreated Genotype 1, 2, 3, 4, 5, or 6 Chronic Hepatitis C Infection |
| Source: | Bristol-Myers Squibb |

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| Role & Effort: | Sub Investigator |
| Dates: | 12/2013 - 11/2014 |
| Title: | A Phase 3, Multicenter, Open-Label Study to Investigate the Efficacy and Safety of Sofosbuvir/Ledipasvir Fixed-Dose Combination for 12 Weeks in Subjects with Chronic Genotype 1 and 4 Hepatitis C Virus (HCV) and Human Immunodeficiency Virus (HIV)-1 Co-Infection |
| Source: | Gilead |
| Role & Effort: | Sub Investigator |
| Dates: | 12/2013 - 11/2014 |
| Title: | A Phase III Randomized Clinical Trial to Study the Efficacy and Safety of the Combination Regimen of MK-5172/MK-8742 in Treatment-Naïve Subjects with Chronic HCV GT1, GT4, GT5, and GT6 Infection who are on Opiate Substitution Therapy |
| Source: | Merck & Co, Inc. |
| Role & Effort: | Sub Investigator |
| Dates: | 01/2014 - 11/2014 |
| Title: | Comparison of Antiretroviral Drug Penetration in Lymphoid Tissues and Relationship to Reservoir Size in HAART-suppressed, HIV-infected Individuals |
| Source: | Merck & Co, Inc. |
| Role & Effort: | Co-Investigator |
| Dates: | 02/2014 - 11/2014 |
| Title: | Diurnal Variation in HIV Measurements and T Cell Populations |
| Source: | MCW Research Affairs Committee |
| Role & Effort: | Principal Investigator |
| Dates: | 07/2015 - 06/2016 |

INVITED LECTURES/WORKSHOPS/PRESENTATIONS:

National

Strategies for Successful Aging among older PLWH and Long Term Survivors, National Center for HIV Innovation, Webinar, 06/20/2017
The HIV Medical Home: Vivent Health's Model of Integrated Care (CANCELLED DUE TO COVID-19), 2020 OCHIN Learning Forum, Portland, Oregon, 04/29/2020
HRSA HIV/AIDS Bureau, HAB You Heard Webinar, Vivent Health COVID-19 Response, Webinar, 10/27/2020

Local

Clinical Case Conference, Division of HIV/AIDS Grand Rounds, San Francisco General Hospital, San Francisco, CA, 11/20/2013
Updates in Hepatitis C Management, Division of HIV/AIDS Grand Rounds, San Francisco General Hospital, San Francisco, CA, 10/08/2014
Advances in the Management of Hepatitis C, MCW ID CME Program: Managing Infections in the 21st

Century and Beyond, Milwaukee, WI, 11/08/2014
 Hepatitis C Therapy, Seventeenth Annual Liver Disease Update, Brookfield, WI, 04/15/2016
 Optimizing HIV Care for an Aging Population, AAHIVM/MATEC, Milwaukee, WI, 10/26/2017
 MCW AAP Grand Rounds, Updates in Hepatitis C Therapy, Milwaukee, WI, 12/12/2017
 PrEP Science: Strategies for Scale up in Wisconsin, Wisconsin PrEP Implementation Summit and PrEP Navigator Academy, Milwaukee, WI, 05/17/2018
 Local Perspectives in HIV Care and Current Challenges, AAHIVM/MATEC, Milwaukee, 10/30/2018
 Undetectable = Untransmittable, UW HIV Program and MATEC, University of Wisconsin, Madison, WI, 01/23/2019
 Reducing Racial Disparity in HIV Viral Load Suppression at ARCW, Wisconsin HIV State Action Planning Group (SAPG) Meeting, Milwaukee, WI, 11/21/2019

MCW TEACHING ACTIVITIES:

Medical Student Education

02/18/2014 - 02/22/2017 Panel member for "HIV in Medical Practice." Sponsored by MCW CARES (HIV/AIDS interest group).
 05/2015 - 05/2017 Lecturer for yearly Involuntary Weight Loss course in the M2 Symptoms Unit
 08/2015 - Present Lecturer for the yearly HIV lecture in the M2 FPP-MSS course
 2015 - Present Froedtert Memorial Lutheran Hospital Infectious Disease Consult Service-1-2 senior medical students, 1 pharmacy student, 2 months per year.

Graduate Student Education

09/2015 - 10/2015 Delivered the HIV lecture for the graduate course Clinical Immunology 25266A

Resident and Fellow Education

2015 - Present Preceptor for Residents, Fellows rotating at Vivent Health Clinic
 2015 - Present Taught viral hepatitis curriculum to Infectious Diseases Fellows - 2 1-hour sessions.
 2015 - Present Froedtert Hospital Infectious Disease Consult Service - 1 fellow, 1-3 medical residents, 1 pharmacy resident, 2 months per year.
 2015 - 06/2018 Outpatient MCW Hepatology Disease Clinic - teach and supervise students, residents and fellows in clinic, 2-3 half days per month

BIBLIOGRAPHY

Refereed Journal Publications/Original Papers

1. Cockerham L, Scherzer R, Zolopa A, Rimland D, Lewis CE, Bacchetti P, Grunfeld C, Shlipak M, Tien PC. Association of HIV infection, demographic and cardiovascular risk factors with all-cause mortality in the recent HAART era. *J Acquir Immune Defic Syndr*. 2010 Jan;53(1):102-6.
2. Cockerham LR, Jain V, Sinclair E, Glidden D, Hartogenesis W, Hatano H, Hunt P, Martin J, Pilcher CD, Sekaly R, McCune JM, Hecht FM, Deeks SG. PD-1 Expression on CD4+ and CD8+ T Cells in Treated and Untreated HIV Disease. *AIDS*. 2014 July 31;28(12):1749-58.
3. Cockerham LR, Siliciano JD, Sinclair E, O'Doherty U, Palmer S, Yukl SA, Strain MC, Chomont N, Hecht FM, Siliciano RF, Richman DD, Deeks SG. CD4+ and CD8+ T Cell Activation Are Associated with HIV DNA in Resting CD4+ T Cells. *PLoS One*. 2014 Oct 23;9(10):e110731.
4. Wang C, Abdel-Mohsen M, Strain MC, Lada SM, Yukl S, Cockerham LR, Pilcher CD, Hecht FM, Sinclair E, Liegler T, Richman DD, Deeks SG, Pillai SK. Decreased HIV Type 1 Transcription in CCR5-"32 Heterozygotes During Suppressive Antiretroviral Therapy. *J Infect Dis*. 2014 Dec 1;210(11):1838-43.
5. Abdel-Mohsen M, Wang C, Strain MC, Lada SM, Deng X, Cockerham LR, Pilcher CD, Hecht FM, Liegler T, Richman DD, Deeks SG, Pillai SK. Select host restriction factors are associated with HIV persistence during antiretroviral therapy. *AIDS*. 2015 Feb 20;29(4):411-20.
6. Feldman R, Cockerham L, Buchan BW, Lu Z, Huang AM. Treatment of Paecilomyces variotti pneumonia with Posaconazole: case report and literature review. *Mycoses*. 2016 Dec; 59(12):746-750.
7. Cockerham LR, Yukl SA, Harvill K, Somsouk M, Joshi SK, Sinclair E, Liegler T, Hoh R, Lyons S, Hunt PW, Rupert A, Sereti I, Morcock DR, Rhodes A, Emson C, Hellerstein MK, Estes JD, Lewin S, Deeks SG, Hatano H. A Randomized Controlled Trial of Lisinopril to Decrease Lymphoid Fibrosis in

- Antiretroviral-Treated, HIV-infected Individuals. *Pathog Immun.* 2017;2(3):310-334.
8. Stern, J, Soloman, A, Dantanarayana, A, Reynaldi, A, Davenport, MP, Milush, J, Deeks, SG, Hartogenesis, W, Hecht, FM, Cockerham, LR, Roche, M and Lewin, SR. Cell-associated HIV RNA has a Circadian Cycle in People Living with HIV on Antiretroviral Therapy. Submitted for publication.

Books, Chapters, and Reviews

1. Cockerham LR, Deeks SG. Biomarker reveals HIV's hidden reservoir. *Elife.* 2014 Oct 16;12:304742.
2. Cockerham LR, Hatano H, and Deeks, SG. Post Treatment Controllers: Role in in HIV “Cure” Research. *Current HIV/AIDS Reports.* 2016 Feb;13(1):1-9.
3. Cockerham LR, Hatano H. Elite Control of HIV: is this the right model for a functional cure? *Trends Microbiol.* 2015 Feb;23(2):71-75.

Abstracts

1. Cockerham (Modrich), L, Scherzer, R, Zolopa, A, Rimland, R, Lewis, C, Kronmal, R, Bacchetti, P, Grunfeld, C, Shlipak, M, Tien, P and the FRAM Study. Factors Associated with Mortality in the Study of Fat Redistribution and Metabolic Change in HIV Infection. Poster presentation: 16th Conference on Retroviruses and Opportunistic Infections (CROI), Montreal, Canada, 2/2009.
2. Wang, C, Abdel-Mohsen, M, Strain, M, Lada, S, Cockerham, L, Yukl, S, Liegler, T, Richman, D, Deeks, S, Pillai, S. Effects of CCR5- Δ 32 Heterozygosity on HIV-1 Reservoir Size and Immune Activation. Poster presentation: 21st Conference on Retroviruses and Opportunistic Infections; Boston, MA, 3/2014.
3. Cockerham, L, Jain, V, Sinclair, E, Glidden, D, Hartogenesis, W, Hatano, H, Hunt, P, Martin, J, Hecht, R, Deeks, S. Determinants of PD-1 Expression on CD4+ and CD8+ T Cells in Treated and Untreated HIV Disease. Poster presentation: 21st Conference on Retroviruses and Opportunistic Infections; Boston, MA, 3/2014.
4. Cockerham, L, Siliciano, J, Sinclair, E, O'Doherty, U, Yukl, S, Strain, M, Siliciano, R, Richman, D, Deeks, S. CD4+ and CD8. + T Cell Activation are Strongly Associated with HIV-1 DNA in Resting CD4+ T Cells. Poster presentation: 21st Conference on Retroviruses and Opportunistic Infections; Boston, MA, 3/2014.
5. Cockerham, L, Emson, C, Somsouk, S, Harvill, K, Li, K, Turner, S, Decaris, M, Hellerstein, M, Deeks, S, Hatano, H. A Novel Method Using 2H₂O to Measure Collagen Turnover in HIV-infected Individuals. Poster presentation: 22nd Conference on Retroviruses and Opportunistic Infections; Seattle, WA 2/2015
6. Cockerham, L, et al. A Novel Method Using 2H₂O to Measure Collagen Turnover in HIV-infected Individuals. Oral Presentation: MCW Department of Medicine 1st Annual Research Retreat 3/13/15
7. Cockerham, L, et al. ACE-Inhibitors to Decrease Lymphoid Fibrosis and the Size of the Latent Reservoir. Poster Presentation: MCW Research Day 2015 10/6/2015.
8. Cockerham, L, Somsouk, M, Joshi, S, Lewin, S, Yukl, S, Rhodes, S, Sinclair, E, Hellerstein, M, Deeks, S, Hatano, H. ACE-Inhibitors to Decrease Lymphoid Fibrosis and the Size of the Latent Reservoir. Poster presentation: 22nd Conference on Retroviruses and Opportunistic Infections; Boston, MA 2/2016
9. Hecht, R, Moran, P, Mendes, W, Cockerham, L, Hartogenesis, W, Bacchetti, P, Change, J, Cameron, P, Deeks, S, Lewin, S. Stress increases HIV transcription in HIV-infected individuals on antiretroviral therapy: implications for biomarkers in HIV persistence. Poster Presentation: 9th IAS Conference on HIV Science; Paris, France 7/2017
10. Stern, J, Roche, M, Solomon, A, Dantanarayana, A, Reynaldi, A, Davenport, A, Deeks, SG, Hartogenesis, W, Hecht, FM, Cockerham, LR, Lewin, SR. Cell-associated HIV RNA and the ratio of HIV RNA to DNA have circadian cycles in HIV-positive individuals on antiretroviral therapy. Poster Presentation: 10th IAS Conference on HIV Science; Mexico City, Mexico 7/2019