

CURRICULUM VITAE

Richard Alfred Oberhelman, M.D.

Present Position: Associate Dean for Global Health
Margaret W. and Eamon M. Kelly Distinguished Chair
in International Development
Tulane School of Public Health and Tropical Medicine

Professor, Dept. of Tropical Medicine and Infectious Disease
School of Public Health and Tropical Medicine

Adjunct Professor, Dept. of Pediatrics
Tulane University School of Medicine

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EDUCATION

1974- Rice University; Houston, Texas
1977 Majors: Spanish and Biology
Degree: Bachelor of Arts

1977- University of Texas Southwestern Medical
1981 School; Dallas, Texas
Degree: Doctor of Medicine

PROFESSIONAL EXPERIENCE

1981-1984 Internship and Residency in Pediatrics
Children's Medical Center/Parkland Memorial
Hospital; Dallas, Texas

1984-1986 Fellowship, Pediatric Infectious Diseases
Tulane University School of Medicine
New Orleans, LA

1986-1988	Research Associate; Johns Hopkins School of Hygiene and Public Health Visiting Investigator, Universidad Peruana Cayetano Heredia; Lima, Peru
1988-1990	Assistant Professor; Johns Hopkins Bloomberg School of Hygiene and Public Health Visiting Investigator, Universidad Peruana Cayetano Heredia; Lima, Peru
1990-1997	Assistant Professor; Depts. of Tropical Medicine and Pediatrics Tulane School of Public Health and Tropical Medicine and Tulane School of Medicine
1997-2007	Clinical Associate Professor; Depts. of Tropical Medicine and Pediatrics Tulane School of Public Health and Tropical Medicine and Tulane School of Medicine
2008-2012	Professor; Depts. of Tropical Medicine and Pediatrics Acting Chairman, Dept. of Tropical Medicine (2008-2009) Tulane School of Public Health and Tropical Medicine and Tulane School of Medicine
2012-2020	Professor and Chair, Dept. of Global Community Health & Behavioral Sciences Professor; Depts. of Tropical Medicine and Pediatrics Tulane School of Public Health and Tropical Medicine and Tulane School of Medicine
2020 – Present	Associate Dean for Global Health; Tulane School of Public Health and Tropical Medicine Margaret W. and Eamon M. Kelly Distinguished Chair in International Development Professor, Dept. of Tropical Medicine and Infectious Diseases

CLINICAL ACTIVITIES/ MEDICAL PRACTICE

Clinical Pediatric Infectious Disease Consultant (1.5 months per year of consultation service through Tulane School of Medicine, Section of Pediatric Infectious Diseases):

Tulane University Hospital and Clinic (1990-2019)
Charity Hospital of New Orleans (1990-2005; Closed after Hurricane Katrina),
Ochsner Hospital and Clinic (1997-2019)

Licensures and Certifications:

Louisiana State Board of Medical Examiners, Medical License #MD.06420R
 American Board of Pediatrics, Lifetime certification (1986)
 American Board of Pediatrics, Sub-Board in Infectious Diseases,
 Certified (1999); Recertified (2006)
 Certificate of Knowledge in Clinical Tropical Medicine and Traveler's Health, American
 Society of Tropical Medicine and Hygiene /ASTMH (1996)

LANGUAGES

English (native)
 Spanish (fluent)
 French (fair)

HONORS AND AWARDS

Rice University Board of Governor's Scholarships (1975, 1976)
 Phi Beta Kappa (1981)
 Honorary Professor, Universidad Cayetano Heredia (1988)
 Honorary Professor, Universidad Nacional de Colombia (1993)
 Gorgas Memorial Institute Fellowship Award (1993)
 Teaching and Research Incentive Award, SPHTM Dean's Office (1995)
 Delta Omega (Public Health Honor Society), member
 Certificate of Recognition for Teaching and Mentoring, Tulane SPHTM (2012)
 Honorary Member of the Faculty of International Health "Dr. Roberto Pereda Chavez"
 at the National School of Public Health of Cuba (2015)
 Fellow of the American Society of Tropical Medicine and Hygiene (FASTMH),
 Nov. 2023
 Large Award Certificate, Tulane SyNeRgY Awards, Nov. 2023--"Diagnostic
 Innovations for Pediatric Tuberculosis in Bolivia" NIH/NIAID R01, ~\$3.7M for 5 yrs.

CONSULTANT AND GRANT REVIEW ACTIVITIES

Consultant to Project Hope, Millwood, VA, for development of Oral Rehydration Teaching
 Intervention Project. December, 1994-January, 1995.

Site Visit Reviewer, NIH Special Emphasis Section MCH SV 7HD MCH-SEP-SV-53;
 September 1997 and October 2002.

Grant reviewer, USAID Child Health Research Program, TVT Associates, 2003.

Protocol Development Consultant, Salix Pharmaceuticals, 2005.

Grant Reviewer, 21st Century Fund; Indianapolis, IN; 2006.

NIAID grant reviewer. NIH Fogarty Global Infectious Disease Training Program (2005, 2006, 2008); Clinical Trial Planning (R34) and Clinical Trial Implementation (U01) Grant Program (2006).

NIAID grant reviewer, Special Emphasis Panel ZAI1-JTS-M-M; NIAID Clinical Trial Planning and Implementation Grants and Cooperative Agreements (R34, R01, U01). SRO: James T. Snyder, Ph.D. Jan. 2013

NIAID study section chair and grant reviewer, Clinical Trials Units for NIAID Networks (UM1); ZAI1 EB-A S2 1; SRO: Eugene Baizman; Oct 2013

NIAID grant reviewer, SBIB Clinical Pediatric and Fetal Applications; ZRG1-SBIB-V-82; SRO: John Firrell; Oct 2014

Fogarty International Center and NIAID study section chair and grant reviewer. Global Infectious Disease Research Training Special Emphasis Panel 201701 ZRG1 IDM-U (55). SRO: Kenneth Izumi; Dec. 2016

Reviewer for ZRG1 AIDC-Z(55): Global Infectious Disease Research Training Program Fogarty D43 panel, Dec 2, 2021

Reviewer for Fogarty applications ZRG1 DCAI-D (55), Center for Scientific Review Special Emphasis Panel meeting on November 29th, 2022

Reviewer for the NIH Population Sciences and Epidemiology Fellowship Review meeting, November 15-16th, 2023

PROFESSIONAL MEMBERSHIPS AND OFFICES

American Academy of Pediatrics, Fellow

American Society for Microbiology, Member

American Society of Tropical Medicine and Hygiene (ASTMH), Member
ASTMH Clinical Group (American Committee for Clinical Tropical Medicine and Traveler's Health-ACCTMTH); President-Elect 2013, President 2014, Past-President 2015.

Delta Omega, Eta Chapter. Secretary, 2004-5; Vice President, 2005-6; President, 2006-7

American Public Health Association (APHA), Member

TEACHING AND EDUCATIONAL PROGRAM ADMINISTRATION

- 1) Program Director, Master of Public Health and Tropical Medicine (MPHTM) Program, 1992- 2012.
- 2) Program Director, Diploma Course in Tropical Medicine (1995 to 2012)
- 3) Co-director, Update in Tropical Medicine Course (80 hour continuing medical education course); 1992-1996
- 4) Group leader and Course Director; Update Tropical Health, Overseas Clinical Experience; 1 week clinical experience for physicians. 1995: Lima, Peru. 1996: Caracas, Venezuela.
- 5) Faculty Advisor: Doctoral students, 3
 Master's Degree and Diploma Course Students,
 Approx. 30/year through 2012 (Dept Tropical Medicine)
- 6) Primary Teacher/Course Director for (hours are class hours per week during a 4-month semester):
 Clinical Tropical Medicine (fall 1990-1996, 2-4 hrs; 20-30 students)
 Microbial Diseases of the Tropics (fall 1994-2005, 2 hrs; 35-50 students)
 MPH&TM Capstone Course (fall/spring 1993-2005, 1 hr.; 5-10 students)
 Disease Control in Developing Countries (fall 1997-2012., 2 hrs; 10-15 students)
 Tropical Medicine Seminar, participant (fall/spring 1990-present, 1 hr.)
 Preventive Tropical Medicine (spring 1998-2012, 2 hrs; 25-40 students)

 GCHB 6370 Grant Writing for Health and Development Projects (spring 2017 to present, 3 hours, 25 students)
 Co-Instructor, Programs for Health and Nutrition of Women and Children in Resource-poor Countries (GCHB 6760). J Mason and R Oberhelman. (fall 2014-15, 3 hrs; 15 students)
- 7) Principal Investigator, Tulane-Xavier Minority Health International Research Training (MHIRT) Grant, 2005-present
 Primary responsibility for 12 trainees at 7 international sites each year

PUBLICATIONS:

A. Original peer-reviewed manuscripts

1. **Oberhelman RA**, de la Cabada FJ, Vasquez Garibay E, Bitsura JM, DuPont HL. Efficacy of Trimethoprim-Sulfamethoxazole in Treatment of Acute Diarrhea in a Mexican Pediatric Population. *J Pediatr* 110 (6): 960-965, 1987.
2. Mathewson JJ, **Oberhelman RA**, DuPont HL, de la Cabada FJ, Vasquez Garibay E. Enteroadherent *Escherichia coli* as a Cause of Diarrhea Among Children in Mexico. *J Clin Micro* 25 (10): 1917-1919, 1987.
3. Gotuzzo E, **Oberhelman RA**, Maguiña C, Berry S, Yi A, Guzman M, Ruiz R, León-Barúa R, Sack RB. Acute Shigellosis in Adults: A Comparison of Single Dose Treatment with Norfloxacin and Standard Five-Day Treatment with Trimethoprim-Sulfamethoxazole. *Antimicrob Ag Chemo* 33 (7): 1101-1104, 1989.
4. **Oberhelman RA**, Buysse JM, Kopecko DJ, Leon-Barua R, Sack RB. Immunological Response to Invasion-Plasmid Antigens of *Shigella flexneri* Expressed by Phage-Infected Lysogenic Strains of *Escherichia coli* in Patients with Shigellosis, p. 209-217. In: R.B. Sack, Y. Zinnaka (eds.), *Advances in Research on Cholera and Related Diseases*, Vol. 7.; 1990. KTK Scientific Publishers, Tokyo.
5. **Oberhelman RA**, Kopecko DJ, Salazar-Lindo E, Gotuzzo E, Buysse JM, Venkatesan MM, Yi-Chu A, Fernandez-Prada C, Guzman M, León-Barúa R, Sack RB. A Prospective Study of Systemic and Mucosal Immune Responses in Dysenteric Patients to Specific Invasion Plasmid Antigens and Lipopolysaccharide of *Shigella*. *Infect Immun* 59:2341-2350, 1991.
6. **Oberhelman RA**. Actualización en Diarrea Infecciosa. *Medico Interamericano* 12:19-26, 1993.
7. **Oberhelman RA**, Kopecko DJ, Venkatesan MM, Salazar-Lindo E, Gotuzzo E, Yi A, Chea-Woo E, Ruiz R, Fernandez-Prada C, Leon-Barua R, Sack RB. Evaluation of an Alkaline-Phosphatase Labelled IpaH Probe for the Diagnosis of *Shigella* Infections. *J Clin Microbiol* 31:2101-2104, 1993.
8. **Oberhelman RA**, Humbert JR, Santorelli FW. *Pseudomonas vesicularis* Bacteremia in a Child with Sickle-Cell Anemia. *Sou Med J* 8:821-822, 1994.
9. **Oberhelman RA**, Sheen P, Gilman RG, Cabrera L, Madico G. A placebo-controlled study of *Lactobacillus* GG colonization in 1-3 year old Peruvian children. *Am J Trop Med Hyg* 52:389-392, 1995.
10. McNeely WS, DuPont HL, Mathewson JJ, **Oberhelman RA**, Ericsson CD. Occult blood vs. fecal leukocytes in the diagnosis of bacterial diarrhea: A study of U.S. travelers to Mexico and Mexican children. *Am J Trop Med Hyg* 55::430-433, 1996.

11. Mirza A, **Oberhelman RA**, Steele R. Diaphragmatic Hernia in Early Onset Group B Streptococcal Infections. *Infect Med* 13:655-6, 664-5, 1996.
12. Flores-Abuxapqui JJ, Suarez-Hoil G, Puc-Franco MA, Heredia-Navarrete MR, Vivas-Rosel M, **Oberhelman RA**. Frequency of adherence factors and enterotoxins in strains of *Escherichia coli* isolated from piglets with diarrhea. *Rev Latinoamer Microbiol* 39:145-151, 1997.
13. **Oberhelman RA**, Guerrero E, Fernandez ML, Mercado D, Silio M, Comiskey N, Ihenacho G, Mera R. Correlations between intestinal parasitosis, physical growth, and psychomotor development among infants and children from rural Nicaragua. *Am J Trop Med Hyg* 58:470-475, 1998.
14. **Oberhelman RA**, Laborde D, Mera R, Starzak E, Saunders P, Mirza A, Hull A. Enteroadherent, enterotoxigenic, and enterohemorrhagic *E. coli* infections in day care center attendees in New Orleans. *Pediatr Infect Dis* 17:1159-62, 1998.
15. **Oberhelman RA**, Gilman RH, Taylor DN, Black RE, Sheen P, Cabrera L, Madico G, Lescano AG. A placebo-controlled trial of *Lactobacillus* GG to prevent diarrhea in Peruvian children. *J Pediatr* 134: 15-20, 1999.
16. **Oberhelman RA**, Guerrero E, Fernandez ML, Mercado D, Mera R. Observations on the impact of breastfeeding and intestinal helminthiasis on a rapid agglutination assay for fecal lactoferrin in Nicaraguan children with diarrhea. *Pediatr Infect Dis* 18:944-6, 1999.
17. Alvarez M, **Oberhelman RA**. Probiotic agents and infectious diseases: A modern perspective on a traditional therapy. *Clin Infect Dis* 32:1567-76, 2001.
18. Salazar GE, Schmitz TL, Cama R, Sheen P, Franchi LM, Centeno G, Valera C, Leyva M, Montenegro S, **Oberhelman RA**, Gilman RH, Thompson MJ, Working Group on TB in Peru. Pulmonary tuberculosis in children in a developing country. *Pediatrics* 108:448-453, 2001.
19. **Oberhelman RA**, Flores J, Ramos R. Asymptomatic and symptomatic salmonellosis in an urban Mexican day care center population. *Pediatr Infect Dis* 20:792-797, 2001.
20. Montenegro SH, Gilman RH, Sheen P, Cama R, Caviedes L, Hopper T, Chambers R, **Oberhelman RA**. Improved detection of *Mycobacterium tuberculosis* (MTB) in Peruvian children using a nested IS6110-PCR assay. *Clin Infect Dis* 36:16-23, 2003.

21. **Oberhelman RA**, Gilman RH, Sheen P *et. al.* *Campylobacter* transmission in a Peruvian periurban shantytown: A longitudinal study of *Campylobacter* isolates from chickens and human in household clusters using molecular and serological fingerprinting techniques. *J Infect Dis* 187:260-269, 2003.
22. Harvey SA, Winch PJ, Leontsini E, Torres-Gayoso C, Lopez-Romero S, Gilman RH, **Oberhelman RA**. Domestic poultry-raising practices in a Peruvian shantytown: Implications for control of *Campylobacter jejuni*-related diarrhea. *Acta Tropica* 86:41-54, 2003.
23. Moon TD, **Oberhelman RA**. Antiparasitic therapy in children. *Pediatr Clin N Amer* 52:917-948, 2005.
24. **Oberhelman RA**, Gilman RH, Sheen P, Cordova J, Zimic M, Cabrera L, Meza R, Perez J. An intervention-control study of corralling of free-ranging chickens to control *Campylobacter* infections among children in a Peruvian perturban shantytown. *Am J Trop Med Hyg* 74:1054-1059, 2006.
25. Ramirez-Cardich ME, Kawai V, **Oberhelman RA**, Bautista CT, Castillo ME, Gilman RH. Clinical correlates of tuberculosis co-infection in HIV-infected children hospitalized in Peru. *Internat J Infect Dis* 10:278-281, 2006.
26. **Oberhelman RA**, Soto-Castellares G, Caviedes L, Castillo ME, Kissinger P, Moore DAJ, Evans C, Gilman RH. Improved Recovery of *Mycobacterium tuberculosis* from Peruvian children using the microscopic observation-direct sensitivity (MODS) method. *Pediatr* 118:e100-e106, 2006.
27. Moore DAJ, Evans CAW, Gilman RH, Caviedes L, Coronel J, Vivar A, Sanchez E, Piñedo Y, Saravia JC, Salazar C, **Oberhelman RA**, Hollm-Delgado MG, LaChira D, Escombe AR, Friedland JS. Microscopic-observation drug-susceptibility assay for the diagnosis of TB. *N Engl J Med* 355:1539-1550, 2006.
28. Moore DAJ, Caviedes L, Gilman RH, Coronel J, Arenas F, LaChira D, Salazar C, Saravia JC, **Oberhelman RA**, Hollm-Delgado MG, Escombe AR, Evans CAW, Freidland JS. Infrequent MODS TB culture cross-contamination in a high-burden resource-poor setting. *Diag Microbiol Infect Dis* 56: 35-43, 2006.
29. Kosek M, **Oberhelman RA**. Unraveling the contradictions of Vitamin A and infectious diseases in children. *J Infect Dis* 196:965-967, 2007.
30. Wolf H, Mendez M, Gilman RH, Sheen P, Soto G, Velarde-Garcia A, Zimic M, Escombe AR, Montenegro S, **Oberhelman RA**, Evans CA. Diagnosis of pediatric pulmonary tuberculosis by stool PCR. *Am J Trop Med Hyg* 79:893-898, 2008.

31. Carrion AG, Laguna Torres VA, Soto-Castellares G, Castillo M, Salazar E, Negron E, Kolevic L, Montano SM, Sanchez JL, Bautista CT, **Oberhelman RA**, Kochel TJ. Molecular characterization of the Human Immunodeficiency Virus Type 1 among children in Lima, Peru. *AIDS Res Hum Retro* 25:833-835, 2009.
32. **Oberhelman RA**, G Soto-Castellares and RH Gilman *et al.*, Diagnostic approaches for paediatric tuberculosis by use of different specimen types, culture methods, and PCR: a prospective case-control study, *Lancet Infect Dis* 10(9): 612-20, 2010. Epub 2010 Jul 23.
33. Cuevas LE, Browning R, Bossuyt P, Casenghi M, Cotton MF, Cruz AT, Dodd LE, Drobniowski F, Gale M, Graham SM, Grzemska M, Heinrich N, Hesselning AC, Huebner R, Jean-Philippe P, Kabra SK, Kampmann B, Lewinsohn D, Li M, Lienhardt C, Mandalakas AM, Marais BJ, Menzies HJ, Montepiedra G, Mwansambo C, **Oberhelman R**, Palumbo P, Russek-Cohen E, Shapiro DE, Smith B, Soto-Castellares G, Starke JR, Swaminathan S, Wingfield C, Worrell C. Evaluation of Tuberculosis Diagnostics in Children: 2. Methodological Issues for Conducting and Reporting Research Evaluations of Tuberculosis Diagnostics for Intrathoracic Tuberculosis in Children. Consensus From an Expert Panel. *J Infect Dis* 205 Suppl 2:S209-15, 2012 May 15.
34. Lee G, Pan W, Peñataro Yori P, Paredes Olortegui M, Tilley D, Gregory M, **Oberhelman R**, Burga R, Chavez CB, Kosek M. Symptomatic and asymptomatic *Campylobacter* infections associated with reduced growth in Peruvian children. *PLoS Negl Trop Dis*. 2013 Jan;7(1):e2036. doi: 10.1371/journal.pntd.0002036. Epub 2013 Jan 31. PubMed PMID: 23383356; PubMed Central PMCID: PMC3561130.
35. Rath BA, von Kleist M, Castillo ME, Kolevic L, Caballero P, Soto-Castellares G, Amedee AM, Robinson JE, Katzenstein DK, Van Dyke RB, **Oberhelman RA**. Antiviral resistance and correlates of virologic failure in the first cohort of HIV-infected children gaining access to structured antiretroviral therapy in Lima, Peru: a cross-sectional analysis. *BMC Infect Dis*. 2013 Jan 2;13:1. doi: 10.1186/1471-2334-13-1. PubMed PMID: 23280237.
36. Paz-Soldán, V, Dimos-Jones C, Alban R, **Oberhelman RA**. The provision and need of social support among adult and pediatric patients of Tuberculosis and TB/HIV in Lima, Peru: a qualitative study. *BMC Health Serv Res* 2013 Jul 31;13:290. doi: 10.1186/1472-6963-13-290.
37. Martinez L, Collazo G, Cabrera L, Bernabe-Ortiz A, Ramos-Peña Y, **Oberhelman R**. Free-ranging Chickens in Households in a Periurban Shantytown in Peru -- Attitudes and Practices 10 Years after a Community Based

Intervention Project. *Am J Trop Med Hyg* 2013 Aug; 89(2):229-31. doi: 10.4269/ajtmh.12-0760. Epub 2013 Jul 1. PMID: 23817335.

38. Martinez L, Arman A, Haveman N, Lundgren A, Cabrera L, Evans C, Pelly T, Saito M, Callacondo D, **Oberhelman R**, Collazo G, Carnero A, Gilman R. Changes in Tuberculin Skin Test Positivity Over 20 Years in Periurban Shantytowns in Lima, Peru. *Am J Trop Med Hyg* 2013 Sep; 89(3):507-515. Epub 2013 Jul 22.
39. Kyerematen V, Hamb A, **Oberhelman RA**, Cabrera L, Bernabe-Ortiz A, Berry SJ. Exploratory Application of the Ages and Stages (ASQ™) Child Development Screening Test in a Low Income Peruvian Shantytown Population. *BMJ Open* 2014; 4:e004132.
40. **Oberhelman RA**, Kosek MN, Peñataro-Yori P, Paredes-Olórtegui M, Connolly E. A Phase One Safety Study of *Lactobacillus reuteri* Conducted in the Peruvian Amazon: Observations from the Field. *Am J Trop Med Hyg*. 2014; 90(4): 777–780
41. Bazzano AN, **Oberhelman R**, Storck Potts K, Taub L, Var C. What health services support do families need for optimal breastfeeding? An in-depth exploration of young infant feeding practices in Cambodia. *Internat J Women Heal* 2015;7 249–257.
42. Paz-Soldan VA, Alban RE, Dimos-Jones C, Powell AR, **Oberhelman RA**. Patient reported delays in seeking treatment for Tuberculosis (TB) among adult and pediatric TB patients and TB patients co-infected with HIV in Lima, Peru: a qualitative study. *Frontiers Pub Heal* 22 December 2014 doi: 10.3389/fpubh.2014.00281
43. Bazzano AN, **Oberhelman R**, Storck Potts K, Gordon A, Var C. Environmental Factors and WASH Practices in the Perinatal Period in Cambodia: Implications for Newborn Health. *Int J Envir Res Pub Heal* 2015; 12, 2392-2410; doi:10.3390/ijerph120302392
44. Var C, Bazzano AN, Srivastav S, Welty CJ, Navapol E, **Oberhelman RA**. Newborn Infection Control and Care Initiative for health facilities to accelerate reduction of newborn mortality (NICCI): study protocol for a randomized controlled trial. *Trials* 2015; 16:257.
45. **Oberhelman RA**, Soto-Castellares G, Gilman RH, Maria Castillo ME, Kolevic L, Delpino T, Saito M, Salazar- Lindo E, Negron E, Montenegro S, Laguna-Torres VA, Maurtua-Neumann P, Datta S, Evans CA. A Controlled Study of

Tuberculosis Diagnosis in HIV-Infected and Uninfected Children in Peru. *PLoS ONE* 2015; 10(4): e0120915.

46. Anticona-Huaynate CF, Monica Jehnny Pajuelo-Travezaño MJ, Correa M, Mayta-Malpartida H, **Oberhelman R**, Murphy LL, Paz-Soldan VA. Diagnostics barriers and innovations in rural areas: insights from junior medical doctors on the frontlines of rural care in Peru. *BMC Heal Serv Res* 2015; 15:454.
47. Proaño A, Bravard MA, Tracey BH, López JW, Comina G, Zimic M, Coronel J, O'Neill Lee G, Caviedes L, Luis Cabrera J, Salas A, Ticona E, Kirwan DE, Friedland JS, Evans CA, Moore DA, Gilman RH; Tuberculosis Working Group in Peru (Collaborators: Fuentes P, Sheen P, Vivar A, Sanchez E, Rodriguez R, Prado M, Chacaltana J, Llanos F, Ñavincopa M, Cabrera L, Varela M, Hernández JG, **Oberhelman R**, Escombe R, Grandjean L, Gomez-Marquez J, Datta S, Bui D). Protocol for studying cough frequency in people with pulmonary tuberculosis. *BMJ Open*. 2016 Apr 22;6(4):e010365. doi: 10.1136/bmjopen-2015-010365.
48. Cisneros-Velarde P, Correa M, Mayta H, Anticona C, Pajuelo M, **Oberhelman R**, Checkley W, Gilman RH, Figueroa D, Zimic M, Lavarello R, Castaneda B. Automatic pneumonia detection based on ultrasound video analysis. *Conf Proc IEEE Eng Med Biol Soc*. 2016 Aug;2016:4117-4120. doi: 10.1109/EMBC.2016.7591632. PMID:28269188
49. Bazzano AN, Taub L, **Oberhelman RA**, Var C. Newborn Care in the Home and Health Facility: Formative Findings for Intervention Research in Cambodia. *Healthcare (Basel)*. 2016 Dec 21;4(4). pii: E94. doi: 10.3390/healthcare4040094. PMID: 28009812
50. Debes AK, Gilman RH, Onyango-Makumbi C, Ruff A, **Oberhelman R**, Dowdy DW. Cost-effectiveness of Diagnostic Algorithms for Tuberculosis in Children Less Than 5 Years of Age. *Pediatr Infect Dis J*. 2017 Jan;36(1):36-43. PMID: 27749648.
51. Bazzano AN, Var C, Grossman F, **Oberhelman RA**. Use of Camphor and Essential Oil Balms for Infants in Cambodia. *J Trop Pediatr*. 2017 Feb;63(1):65-69. doi: 10.1093/ tropej/fmw013. Epub 2016 Jun 30. PMID: 27370817.
52. **Oberhelman RA**, Huaynate CA, Correa M, Malpartida HM, Pajuelo M, Paz-Soldan VA, Gilman RH, Zimic M, Murphy L, Belizan J. Interdisciplinary Postdoctoral Training in Global Health Through a Novel Joint Project for Trainees from Diverse Disciplines: Benefits, Risks, and Observations. *Am J Trop Med Hyg*. 2017 Mar;96(3):525-529. doi: 10.4269/ajtmh.16-0402. Epub 2017 Apr 6. PMID: 27821694.

53. Lee GO, Olortegui MP, Salas MS, Yori PP, Trigoso DR, Kosek P, Mispireta ML, **Oberhelman R**, Caulfield LE, Kosek MN. Environmental enteropathy is associated with cardiometabolic risk factors in Peruvian children. *J Dev Orig Health Dis.* 2017 Jun;8(3):337-348. Epub 2017 Mar 7. PMID: 28264759.
54. Pajuelo MJ; Anticona Huaynate C; Correa M; Mayta Malpartida H; Ramal Asayag C; Seminario JR; Gilman RH; Murphy L; **Oberhelman RA**; Paz-Soldan VA. Delays in seeking and receiving health care services for pneumonia in children under five in the Peruvian Amazon: a mixed-methods study on caregivers' perceptions. *BMC Health Services Research.* 18(1):149, 2018. PMID: 29490643.
55. Correa M; Zimic M; Barrientos F; Barrientos R; Roman-Gonzalez A; Pajuelo MJ; Anticona C; Mayta H; Alva A; Solis-Vasquez L; Figueroa DA; Chavez MA; Lavarello R; Castaneda B; Paz-Soldan VA; Checkley W; Gilman RH; **Oberhelman R**. Automatic classification of pediatric pneumonia based on lung ultrasound pattern recognition. *PLoS ONE [Electronic Resource].* 13(12):e0206410, 2018.
56. Weldon CT; Riley-Powell AR; Aguerre IM; Celis Nascimento RA; Morrison AC; **Oberhelman RA**; Paz-Soldan VA. "Zika is everywhere": A qualitative exploration of knowledge, attitudes and practices towards Zika virus among women of reproductive age in Iquitos, Peru. *PLoS Neglected Tropical Diseases [electronic resource].* 12(8):e0006708, 2018.
57. Kosek, MN; Peñataro-Yori P; Paredes-Olortegui M; Lefante J; Ramal-Asayag C; Zamora-Babilonia M; Meza-Sanchez G; **Oberhelman, RA**. Safety of *Lactobacillus reuteri* DSM 17938 in Healthy Children 2 to 5 Years of Age. *The Pediatric Infectious Disease Journal;* Aug;38(8):e178-e180.
58. Hamer DH; Hansoti B; Prabhakaran D; Huffman MD; Nxumalo N; Fox MP; Gopal S; **Oberhelman R**; Mwananyanda L; Vwalika B; Rispel LC. Global Health Research Mentoring Competencies for Individuals and Institutions in Low- and Middle-Income Countries. *American Journal of Tropical Medicine & Hygiene.* 100(1_Suppl):15-19, 2019 Jan.
59. Labuda S, Te V, Var C, Iv Ek N, Seang S, Bazzano A, **Oberhelman R**. Neonatal Sepsis Epidemiology in a Rural Province in Southeastern Cambodia, 2015-2017. *Am J Trop Med Hyg.* 2019 Apr 15. doi: 10.4269/ajtmh.18-0739. [Epub ahead of print]
60. Bazzano AN, Var C, Wilkosz D, Duggal R, **Oberhelman RA**. Neonatal deaths in Cambodia: findings from a community-based mortality review. *BMC Res Notes.* 2019 Apr 24;12(1):236. PMID: 31014375.
61. Aguerre IM, Riley-Powell AR, Weldon CT, Pajuelo MJ, Celis Nascimento RA, Puente-Arناo A, Cabrera L, **Oberhelman RA**, Paz-Soldan VA. "Knocking on Doors that Don't

Open": experiences of caregivers of children living with disabilities in Iquitos and Lima, Peru. *Disabil Rehabil.* 2019 Oct;41(21):2538-2547. PMID:29909702

62. Brewer JD, Santos MP, Roman K, Riley-Powell AR, Mollesaca Riveros LM, Toledo Vizcarra AM, **Oberhelman RA**, Paz-Soldan VA. Micronutrient powder use in Arequipa, Peru: Barriers and enablers across multiple levels. *Maternal & Child Nutrition*, 2019 Nov 26;e12915. Doi 10.1111/mcn.12915.
63. Lee GO, Paz-Soldan VA, Riley-Powell AR, Gomez AR, Tarazona C, Villaizan Paliza K, Ambikapathi R, Ortiz K, Comina G, Hernandez G, Naik N, **Oberhelman R**, Ugarte-Gil C. Food choice and dietary intake among people with tuberculosis in Peru: implications for improving practice. *Current Developments in Nutrition*, 2020 Jan 3;4(2); nzaa001. Doi: 10.1093/cdn/nzaa001.
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B. Book Chapters

1. **Oberhelman RA**, Krogstad DJ. Use of the Parasitology Laboratory in the Diagnosis of Gastrointestinal Infections". In: *Infection in the Gastrointestinal Tract*, First Edition (Blaser, Smith, Ravdin, Greenburg, and Guerrant, eds.). New York: Raven Press, 1995; pp. 1279-1290.
2. **Oberhelman RA**, Taylor D. Campylobacter infections in developing countries. In: Campylobacter (Blaser and Nachamkin, eds.). Washington, D.C.: American Society for Microbiology, 1999; pp. 139-154.

3. **Oberhelman RA.** Use of the Parasitology Laboratory in the Diagnosis of Gastrointestinal Infections". In: Infection in the Gastrointestinal Tract (Blaser, Smith, Ravdin, Greenburg, and Guerrant, eds.). Baltimore: Lippincott, Williams, and Wilkins, 2002; pp. 1137-1148.
4. **Oberhelman RA,** McLellen SLF, Behrens RH. Chapter 17: Special Hosts: Children, Pregnant Women, Immunocompromised Patients, the Elderly. In: Traveler's Diarrhea (Ericsson, DuPont, and Steffen, eds.). Hamilton, Ontario: BC Decker, Inc., 2003. pp. 240-257.
5. **Oberhelman RA,** Nicholls D, Kozarsky P. Special Hosts: Children, Pregnant Women, and the Elderly. In: Traveler's Diarrhea (Ericsson, DuPont, and Steffen, eds., 2nd Edition). Hamilton, Ontario: BC Decker, Inc., 2008; pp.105-113.
6. **Oberhelman RA,** Cleary TG. Bacillus cereus. In: Textbook of Pediatric Infectious Diseases, 6th Edition. (Feigin, Cherry, Demmler, and Kaplan, eds.). New York: Saunders Elsevier, 2009; pp. 1407-1412.
7. Schieffelin JS, **Oberhelman RA.** Chapter 324-Ascariasis. Rudolph's Pediatrics, 22nd Edition. New York: Mc Graw Hill Medical, 2011. P. 1187.
8. Schieffelin JS, **Oberhelman RA.** Chapter 325-Baylisascariasis. Rudolph's Pediatrics, 22nd Edition. New York: Mc Graw Hill Medical, 2011. P. 1188.
9. Schieffelin JS, **Oberhelman RA.** Chapter 326-Dracunculiasis. Rudolph's Pediatrics, 22nd Edition. New York: Mc Graw Hill Medical, 2011. P. 1189.
10. **Oberhelman RA.** Chapter 327-Enterobiasis (Pinworm). Rudolph's Pediatrics, 22nd Edition. New York: Mc Graw Hill Medical, 2011. P. 1190.
11. **Oberhelman RA.** Chapter 327-Enterobiasis (Pinworm). Rudolph's Pediatrics, 22nd Edition. New York: Mc Graw Hill Medical, 2011. P. 1190.
12. **Oberhelman RA.** Chapter 330-Strongyloidiasis. Rudolph's Pediatrics, 22nd Edition. New York: Mc Graw Hill Medical, 2011. P. 1195-6.
13. **Oberhelman RA,** Hotez PJ. Chapter 331-Toxocariasis (Visceral and Ocular Larva Migrans). Rudolph's Pediatrics, 22nd Edition. New York: Mc Graw Hill Medical, 2011. P. 1197.
14. **Oberhelman RA.** Chapter 332-Trichinosis. Rudolph's Pediatrics, 22nd Edition. New York: Mc Graw Hill Medical, 2011. P. 1197-8.
15. Schieffelin JS, **Oberhelman RA.** Chapter 333-Trichuriasis. Rudolph's

- Pediatrics, 22nd Edition. New York: Mc Graw Hill Medical, 2011. P. 1199.
16. **Oberhelman RA.** Chapter 334-Anasakiasis and Angiostrongyliasis. Rudolph's Pediatrics, 22nd Edition. New York: Mc Graw Hill Medical, 2011. P. 1199.
 17. **Oberhelman RA.** Chapter 349-Giardiasis. Rudolph's Pediatrics, 22nd Edition. New York: Mc Graw Hill Medical, 2011. P. 1219.
 18. Mautua-Neumann P, **Oberhelman RA.** Campylobacter enteritis. In: *Hunter's Tropical Medicine* 9th Edition (A Magill, J Maguire, E Ryan, N Solomon eds.). London: Elsevier Ltd. 2013; pp 468-470.
 19. Anderson M, **Oberhelman RA.** Bacillus cereus. In: Textbook of Pediatric Infectious Diseases, 7th Edition. (Cherry, Harrison, Kaplan, Steinbach, Hotez eds.). New York: Saunders Elsevier, 2014; pp. 1316-1321.
 20. Labuda S, **Oberhelman RA.** Bacillus cereus. In: Textbook of Pediatric Infectious Diseases, 8th Edition. (Cherry, Harrison, Kaplan, Steinbach, Hotez eds.). New York: Saunders Elsevier, 2017; pp.942-945.

PROFESSIONAL PRESENTATIONS AS INVITED SPEAKER

- Nov. 1987 "Immunological Response to Invasion Plasmid Antigens Of Shigella flexneri Expressed by Phage- Infected Lysogenic Strains of Escherichia coli in Patients with Shigellosis." Twenty-third U.S.- Japan Joint Cholera Conference; Williamsburg, VA
- Feb. 1987 "Diarrheal Disease--A Worldwide Perspective" In collaboration with AID Grant "Training of Peruvian Physicians and Nurses in Management of Diarrheal Diseases" with E. Salazar; Cajamarca, Peru and Huancayo, Peru
- Feb. 1988 "Pathophysiology of Diarrheal Disease". Pan American Health Organization Teaching Conference for Physicians; Lima, Peru.
- Jul. 1990-
Dec. 2003 Selected topics in Pediatric Infectious Diseases. Louisiana State University Pediatric Board Review Course; New Orleans, LA
- Apr. 1991 Travel Medicine. Louisiana State University Family Practice
Apr. 1995 Update Course; New Orleans, LA
Apr. 1998
- May 1991 Selected Topics in Pediatric Infectious Diseases and Tropical Medicine;

22nd Annual Pediatrics Symposium, Sacred Heart Hospital; Pensacola, FL.

- May 1991- Dec. 1996 Management of Diarrheal Diseases for Physicians in yearly Developing Countries. Update--Tropical Health; Dept. of Tropical Medicine, Tulane University School of Public Health and Tropical Medicine
- Feb. 1992 Cholera; Training Program in Public Health for Ecuadorean Health Professionals; Program in International Health; Tulane University School of Public Health and Tropical Medicine
- Mar. 1992 Oral Rehydration. Update Your Pediatrics Course. Dept. of Pediatrics, Tulane Health Sciences Center
- Sep. 1992 Update in Infectious Diarrhea. VII Hispanic Medical Congress; New Orleans, LA
- Jan. 1993 Topics in Infectious Diseases. International Seminars;
Apr. 1993 Tegucigalpa, Honduras; San Pedro Sula, Honduras; La Ceiba, Honduras
- May 1993 Topics in Infectious Diseases. VI Congreso de Especialidades Clínicas, Ciencias Básicas. Bogotá, Colombia.
- Apr. 1996 Infections in Day Care Centers. Louisiana State University Family Practice Update Course; New Orleans, LA
- Oct. 1996 Helminth Infections and Child Growth and Development in Rural Nicaragua. Control of Intestinal Helminthiases in a World of Competing Priorities. Workshop hosted by Tulane University and Center for International Community-Based Studies; New Orleans, LA.
- Nov. 1997 Use of Probiotics in Pediatric Diarrhea. VII Congreso Latinoamericano de Infectología Pediátrica. Caracas Hilton, Caracas, Venezuela.
- Nov. 1999 Campylobacter infections in children from developing countries: Evidence for chicken-to-child transmission and potential public health interventions. November 1999; Second World Congress of Pediatric Infectious Diseases; Manila, Philippines.
- Dec. 1999 Diploma Course in Clinical Tropical Medicine and Traveler's Health, Tulane University. December 1999; 48th Annual Meeting of the American Society of Tropical Medicine and Hygiene; Washington, DC.

- Apr. 2000 International Travel: Malaria and Diarrhea. National Pediatric Infectious Diseases Seminar; New Orleans, LA.
- Sep. 2000 Parasites from Around the World. Interactive Symposium of Clinical Parasitology. 40th Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC); Toronto, Canada.
- July 2001 Gastrointestinal Infections; Epidemiology and Biostatistics for the Pediatric Infectious Diseases Specialist. Presentations for the PREP:ID Course, American Academy of Pediatrics, Chicago, IL.
- Dec. 2001 Parasites from Around the World. Interactive Symposium of Clinical Parasitology. 41st Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC); Chicago, Illinois.
- Apr. 2002 Travel Vaccines. National Pediatric Infectious Diseases Seminar; New Orleans, LA.
- Oct. 2002 Use of Probiotics in Pediatric Diarrhea. Committee on Infectious Diseases, American Academy of Pediatrics; Boston, MA.
- May 2003 Probiotics: Future Directions. Invited presentation at 13th European Congress on Clinical Microbiology and Infectious Diseases (ECCMID); Glasgow, Scotland, UK.
- Oct. 2004 Pediatric Tuberculosis; Influenza Vaccine. Hospital D'Antoni-Tulane Medical Center Conference; La Ceiba, Honduras
- Dec. 2005 Probiotics in gastrointestinal infections. 45th Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC); Chicago, IL.
- Nov. 2006 Update in Acute Gastroenteritis. Emerging and Re-emerging Infectious Diseases; U.S. Naval Medical Research Center Detachment; Lima, Peru.
- Nov. 2006 Probiotics in Pediatric Diarrhea. Instituto de Medicina Tropical, Universidad Peruana Cayetano Heredia; Lima, Peru
- May 2008 Diagnosis of Pediatric Tuberculosis. Improving diagnosis of children with tuberculosis. Technical regional meeting. USAID; Mombasa, Kenya
- Dec. 2008 New Diagnostic Approaches for Pediatric TB among Peruvian Children. 58th Annual Meeting, American Society of Tropical Medicine and Hygiene. New Orleans, LA.

- Feb.2014 International Collaborative Training Grants in Infectious Diseases: Challenges and Opportunities. Fourth Annual ASTMH Peru Meeting. Feb. 19, 2014. Lima, Peru.
- Oct. 2015 Campylobacter, Chickens, and Childhood Diarrhea: A Tail of 4 studies. 64th Annual Meeting, American Society of Tropical Medicine and Hygiene. Atlanta, GA.
- Nov. 2022 ESTABLISHING SARS COV-2 VIRAL SEQUENCING CAPACITY IN A RESOURCE-LIMITED, HIGH-RISK AREA IN THE PERUVIAN AMAZON REGION. PRELIMINARY RESULTS. Annual Meeting, American Society of Tropical Medicine and Hygiene. Seattle, WA.
- Nov. 2022 RESISTANCE TO SINGLE-DOSE ALBENDAZOLE AND REINFECTION WITH INTESTINAL HELMINTHS AMONG CHILDREN AGES 2 TO 11 YEARS FROM THE PERUVIAN AMAZON REGION. Annual Meeting, American Society of Tropical Medicine and Hygiene. Seattle, WA.

MEDIA CITATIONS/COVID-19

1. USA Today, March 26. Death rate soars in New Orleans coronavirus 'disaster' that could define city for generations
<https://nam03.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.usatoday.com%2Fstory%2Fnews%2Fnation%2F2020%2F03%2F26%2Fnew-orleans-new-coronavirus-epicenter-mardi-gras-fueled-outbreak%2F2921116001%2F&data=02%7C01%7Coberhel%40tulane.edu%7C51eca1c79d9d4959d5e408d7e7f14229%7C9de9818325d94b139fc34de5489c1f3b%7C0%7C0%7C637232895695297995&odata=o1%2F54A4YtQRkDxeAEd8xjFPZZJYJEPkPPxeyCfL1FtY%3D&reserved=0>
2. Associated Press, March 1. New Orleans' 'Let the good times roll' now 'Wash your hands'
<https://apnews.com/4dab078f33da2fa32987db305a250872>
3. BBC Brazil, April 4. Como Carnaval ajudou a propagar coronavírus em Nova Orleans, que pode se tornar um dos epicentros nos EUA
<https://www.bbc.com/portuguese/internacional-52117455>
4. Mike Perelstein, Channel 4 News. April 8, 2020.
5. Tulane Alumni Association Webinar Series. "The Public Health Response to COVID-19"; April 13.

<https://youtu.be/ZhcU4P5Objl>

6. The Guardian, March 26. "A nightmare all over again': after surviving Katrina, New Orleans battles Covid-19"

<https://www.theguardian.com/us-news/2020/mar/26/new-orleans-surviving-katrina-battles-covid-19-coronavirus>

7. ABC Australia News, April 7 (broadcast news segment)
Box: <https://tulane.box.com/s/i2n6b707o19dxf0s7scer99oor5cflld>

8. Associated Press, April 22. Southern states largely go it alone in reopening decisions

<https://apnews.com/e9df9b0771ab815f92a45877e66cf3e6>

9. WWNO 89.9 New Orleans Public Radio, April 29. We Don't Know How Many Louisiana Health Care Workers Are Dying From COVID-19

<https://www.wwno.org/post/we-don-t-know-how-many-louisiana-health-care-workers-are-dying-covid-19>

RESEARCH GRANTS AND CONTRACTS

Funded-Completed

1. "A Clinical Field Trial of a Nucleic Acid Probe for the Detection of *Shigella* Infections". Role: PI. Dennis J. Kopecko, Ph.D and Malabi Venkatesan, Ph.D., Walter Reed Army Institute of Research, co-investigators. DIATECH (PATH) funding through US-AID; 7/15/89-11/30/90.
2. "Immunological Responses to *Shigella* in Apache Children". Biomedical Research Support Grant, Johns Hopkins University. Role: PI. 7/89-3/90.
3. "Analysis of *Shigella* and *Campylobacter* Specific Antibodies in Serum and Breast Milk of Women in the Immediate Post-Partum Period at Charity Hospital of New Orleans". Biomedical Research Support Grant, Tulane Univ. Role: PI. 12/90-6/93.
4. "Rapid Diagnosis of Bacterial Enteritis". Gorgas Memorial Institute Fellowship, American Society of Tropical Medicine and Hygiene. Role: PI. Collaborative project with the SILAIS of Carazo, Nicaragua. 10/93 to 9/95.
5. "Center for Clinical Investigation in Childhood Diseases--Nicaragua". British Embassy in Nicaragua. Role: PI. 6/94-1/96.
6. "A Randomized Placebo-Controlled Trial of *Lactobacillus* GG for Prevention of

- Diarrhea in Undernourished Peruvian Children". Role: PI. Thrasher Foundation, 7/94-7/96.
7. "Epidemiology of Diarrhea-Causing Pathogens in Day Care Centers in Mérida, México." Joint Project with Dr. Javier Flores, Universidad Autónoma de Yucatán (PI; grant awarded to UADY). Conacyt, México.
 8. "Epidemiology of Diarrhea-Producing *Escherichia coli* in Children in Day Care Centers in New Orleans". Louisiana Education Quality Support Fund. Role: PI. 6/94-12/97.
 9. "Bacterial Respiratory Pathogens in Rural Nicaragua". Margarita Sillio, MD, Principal Investigator. Child Health Foundation. Role: Co-Investigator. 9/96-8/97.
 10. "A randomized controlled trial of the use of chicken coops to prevent *Campylobacter jejuni*-related diarrhea in young children in a Peruvian periurban shantytown (Phase I)". Role: PI. Thrasher Foundation. 9/1/97-2/1/99.
 11. "An assessment of risk factors for diarrhea in infants with *Salmonella* infection during the first year of life in a cohort of Mexican children". Role: Co-Investigator. Conacyt, México. 3/1/97-2/28/00.
 12. "A randomized controlled trial of the use of chicken coops to prevent *Campylobacter jejuni*-related diarrhea in young children in a Peruvian periurban shantytown (Phases II-III). Role: PI. Thrasher Foundation; 9/1/99-2/1/02.
 13. Practical Diagnostics for AIDS-related Pediatric Tuberculosis in Peru. American Foundation for AIDS Research (amFAR). Role: PI. 6/1/01-5/31/04.
 14. Practical Diagnostics for AIDS-related Pediatric Tuberculosis in Peru. (R01AI049139). National Institute of Allergy and Infectious Diseases. 9/1/01-8/31/05. . Supplemental Extension to Current RO1 grant. 10/01/06 –9/30/07. Role: Principal Investigator, responsible for project design, coordination, data management, analysis, and reporting. Major goals: To evaluate new, cost effective techniques for diagnosis and treatment of pediatric TB among HIV+ and HIV- children in Lima, Peru.
 15. Practical Diagnostics for AIDS-related Pediatric TB, Peru. Research Supplement for Underrepresented Minorities (3 R01AI049139-S1; Supporting Valerie Paz-Soldan, PhD). Role: PI. 10/1/04-9/30/2007.
 16. Probiotics in Pediatric Diarrhea in Peru—Planning Grant. R. Oberhelman, PI. R34AT002521, National Institute for Alternative and Complementary Medicine. Role: PI. Current salary recovery, 20%. 2/1/2005-1/31/09. Major goals: To

- prepare a field site in Iquitos, Peru for a Phase III clinical trial of several probiotic agents for treatment of diarrhea among undernourished children with high rates of disease. In collaboration with Dr. Margaret Kosek and Dr. Robert Gilman from Johns Hopkins/SPH and PRISMA-Peru.
17. Training for Evidence-Based Health Care Research, Argentina. P. Buekens, PI (Role on project: Co-Investigator). D43 International Training Grant, NIH/Fogarty International Center. 09/23/06-04/30/11.
 18. Probiotics in Pediatric Diarrhea in Peru (RO1AT002733). National Institute for Alternative and Complementary Medicine. Project Period: 09/30/2007 - 08/31/2016. Role: PI. Major goals: Phase II clinical trial of several probiotic agents for treatment of diarrhea among undernourished children with high rates of disease. In collaboration with Dr. Margaret Kosek and Dr. Robert Gilman from Johns Hopkins/SPH and PRISMA-Peru.
 19. Inter-American Training for Innovations in Emerging Infectious Diseases (D43 TW009349). Fogarty International Center. Project Period 08/13/2012-08/31/2019). Role PI. The goal of the program is to build teams of interdisciplinary researchers who can creatively and sustainably address challenges of emerging infectious diseases, such as dengue, Chagas' disease, and tuberculosis, by developing cost-effective tools that can be applied effectively in Latin America and other parts of the developing world.
 20. "Inter-American E-Capacity Research Training in Infectious and Chronic Diseases" (1R25TW009720-01). Fogarty International Center/NIH. Project Period: 05/01/2014 – 04/30/2018. Role: Co-PI. Major goals: Develop research training capacity at partner institutions in Peru and Argentina using distance learning technology for program staff training and for extending TB diagnostic capabilities to remote areas.
 21. *L. reuteri* for Pediatric Diarrhea in Peru: Growth, Enteropathy, and Microbiota (U01DK105849). National Institute of Diabetes and Digestive and Kidney Diseases. Project Period: 09/25/2014 – 08/31/2020. Role: PI (with Margaret N Kosek, Johns Hopkins SPH). Major goals: To evaluate the safety and efficacy of *L. reuteri* DSM 17938 for all cause diarrhea and diarrhea caused by Norovirus, *Campylobacter*, *Giardia*, and Enteroggerative *E. coli* in Peruvian children, exploring the cumulative effect of the administration of the product strain on each incident episode over the first two years of life on the cumulative burden of disease and linear growth. Integrated measures including intestinal inflammation, permeability, and systemic inflammation will be complemented by studies of the gut microbiome.

Funded-Active

1. “Diagnostic Innovations for Pediatric Tuberculosis in Bolivia” (1R01AI173021). National Institute of Allergy and Infectious Diseases. Project Period 06/07/2023-06/06/2028. Role: Lead MPI (with Robert Gilman and Tony Hu). This study aims to evaluate a new diagnostic approach for pediatric tuberculosis using a CRISPR-mediated TB assay (CRISPR-TB) optimized to detect circulating *Mycobacterium tuberculosis* cell-free DNA (Mtb-cfDNA), and determine the correlation between quantitative cfDNA and quantitative imaging-based TB scores based on evidence of disease in the lung, the primary target organ in TB disease, by (1) chest radiograph, measured by computer-aided analysis using the CAD4TB v7 system, and by (2) lung ultrasound, performed with a portable/low-cost probe assisted by machine learning algorithms for automatic interpretation.
2. “Tulane Program to Advance Representation in Minority Health Research” (T37 MD001424). National Center on Minority Health and Health Disparities. Project Period 07/08/05-01/31/2026. Role: MPI (with Dr. Katherine Theall). This program builds on the foundation of the past 15 years of funding through the Tulane-Xavier MHIRT Program to provide mentored research training experiences in the New Orleans area and in 4 international sites for graduate students from groups that are underrepresented in biomedical, behavioral, and social science research, and to encourage participants to pursue research careers in these disciplines.
3. “Fogarty Global Health Fellows Coordinating Center—UJMT Launch” (D43TW009340; B Chi, PI) NIH/Fogarty International Center. Project Period 07/01/17-06/30/27. Role: MPI. The University of North Carolina, Johns Hopkins University, Morehouse School of Medicine, and Tulane University have formed a consortium, based on over 20 years of research and training collaboration, to launch the Fogarty Global Health Fellows Program (FGHF). The areas of research focus include a broad range of topics, recognizing the growing importance of noncommunicable diseases while continuing the commitment to infectious diseases. The goals of this training program are to bridge the training gap, to foster sustainable research, and to build strategic partnerships.
4. “Enabling Infectious Disease Research Capacity in the Peruvian Amazon” (1D43TW010913) NIH/Fogarty International Center. Project Period 04/11/18-02/28/28. Role: Principal Investigator (2018-2023); Coinvestigator (2023-2028). Major Goals: This is a collaborative research training program in partnership with the Universidad Nacional de la Amazonia Peruana (UNAP; National University of the Peruvian Amazon), designed to expand the local workforce of highly trained professionals with public health and infectious diseases research skills through a collaborative Master’s degree program based at UNAP for 6

competitively selected health professionals, leading to a Master's degree in Public Health from UNAP and a Certificate in International Research in Infectious Diseases from the consortium training program. This intensive, mentored training program with both north-south and south-south training components will be led by faculty from four collaborating institutions (UNAP, Universidad Peruana Cayetano Heredia [the leading biomedical research university in Peru, located in Lima], Tulane, and Johns Hopkins).

SERVICE

Reviewer for the following journals:

The Lancet
Pediatrics
Pediatric Infectious Diseases Journal
American Journal of Tropical Medicine and Hygiene
Journal of Infectious Diseases
Journal of American Medical Association (JAMA)
PLOS One

Tulane University and SPHTM Committees:

Member, Institutional Review Board; Tulane Health Sciences Center, 1991-present
Member, MD/MPH Program Advisory Committee, 1994-2012
Member, Public Health Practice Subcommittee, 1995
Member, Information Systems Committee, 1992-2003
Member, Admissions Committee, 1997-2012
Chair, SPHTM Grievance Committee, 2011

ASTMH Clinical Group (American Committee for Clinical Tropical Medicine and Traveler's Health-ACCTMTH); President-Elect 2013, President 2014, Past-President 2015.

Personal

Date of birth: June 14, 1956

Married to Susan Jane Berry, MD (Formerly Professor of Pediatrics at LSU Medical Center).

Three children:

Steven Dean Oberhelman (born 3/17/89; Lima, Peru)
Katherine Elizabeth Oberhelman (born 1/27/92; Metairie, LA)
Sarah Jane Oberhelman (born 9/30/93; Metairie, LA)

Rev. January 2024