

CURRICULUM VITAE

Cindy Prins, PhD, MPH, CIC, CPH

CONTACT INFORMATION

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CERTIFICATIONS

2009 Certified in Infection Prevention and Control (CIC), Certificate # 102304, valid through 12/31/2019
2012 Certified in Public Health (CPH), Certificate # 7791

EDUCATION

12/06 Master of Public Health in Epidemiology
The University of Florida, Gainesville, FL
12/00 Doctor of Philosophy in Biochemistry, Microbiology, and Molecular Biology
The Pennsylvania State University, University Park, PA
Dissertation Title: Genetic and Biochemical Characterization of JC Virus Early Proteins T₁₃₅, T₁₃₆, and T₁₆₅
Richard J. Frisque, Research Mentor
05/93 Bachelor of Science in Biology
The University of Central Florida, Orlando, FL

ACADEMIC POSITIONS/EMPLOYMENT

10/16 - MPH Program Director/Assistant Dean for Educational Affairs/Clinical Associate Professor of Epidemiology, College of Public Health and Health Professions and College of Medicine, University of Florida
01/10 – 10/16 Clinical Assistant Professor, Department of Epidemiology, College of Public Health and Health Professions and College of Medicine, University of Florida
01/13-10/16 Epidemiology PhD Program Director, Department of Epidemiology, College of Public Health and Health Professions and College of Medicine, University of Florida
02/16-10/16 Clinical Assistant Professor, Division of Infectious Diseases and Global Medicine, College of Medicine (Joint appointment)
11/06-09/10 Infection Control Practitioner, Shands Hospital at the University of Florida

- 11/08-09/10 Affiliate Faculty, Department of Epidemiology and Biostatistics, College of Public Health and Health Professions, University of Florida
- 09/06-11/06 Research Assistant, University of Florida Kidney Project, Nabih Asal, Primary Investigator
- 07/06-08/06 Intern, Duval County Health Department, Epidemiology Division, Ruth Voss, Mentor
- 01/01-07/06 Post-doctoral Research Associate, Department of Molecular Genetics and Microbiology, University of Florida, Richard C. Condit, Advisor
Research Topic: Regulation of Vaccinia Virus Post-Replicative Transcription Elongation

GRANT SUPPORT

Active grants

- 2017 *Efficacy Analysis of an Automated Hand Hygiene Monitoring System*
Sponsor: Shands Quasi Endowment Fund
Award Amount: \$30,000
Role: PI

Completed Grants

- 01/13-09/13 *Utilizing the HealthStreet Model to Support Adult Immunizations in Underserved Populations of North Central Florida*
Sponsor: JBS International, Inc.
Award Amount: \$9,998
Role: PI
- 09/11 – 08/13 Affordable Care Act - Rural South Public Health Training Center
HRSA 1UB6HP22825-01
Award Amount: \$1,294,861.00
Role: Co-I (Peoples-Sheps PI)

PUBLICATIONS

Peer-Reviewed Manuscripts in Print

1. Perri MG, Peoples-Sheps M, Blue A, Lednicky JA, **Prins C**. Public Health Education at the University of Florida: Synergism and Educational Innovation. *American Journal of Public Health*. 2015 March;105(S1): S83–S87. PMID: 25706027
2. Ha S, Talbott EO, Kan H, **Prins C**, Xu X. The effects of heat stress and its effect modifiers on stroke hospitalizations in Allegheny County, Pennsylvania. *Int Arch Occup Environ Health*. 2013 Jul 30. PMID: 23897226

3. Feldman M, Isaza R, **Prins C**, Hernandez J. Point prevalence and incidence of Mycobacterium tuberculosis complex in captive elephants in the United States of America. *The Veterinary Quarterly*. 2013 March; 33(1): 28-32. PMID: 23477422
4. D'Costa SM, Bainbridge TW, Kato SE, **Prins C**, Kelly K, Condit RC. Vaccinia H5 is a multifunctional protein involved in viral DNA replication, late gene transcription, and virion morphogenesis. *Virology*. 2010 May 25;401(1):49-60. PMID: 20206959
5. Kato SE, Moussatche N, D'Costa SM, Bainbridge TW, **Prins C**, Strahl AS, Shatzer AN, Brinker AJ, Kay NE, Condit RC. Marker rescue mapping of the combined Condit/Dales collection of temperature sensitive vaccinia virus mutants. *Virology*. 2008 May 25;375(1):213-22. PMID: 18314155
6. Turner, PC, Dilling BP, **Prins C**, Cresawn SG, Moyer RW, Condit RC. Vaccinia virus temperature-sensitive mutants in the A28 gene produce non-infectious virions that bind to cells but are defective in entry. *Virology*. 2007 Sep 15;366(1):62-72. PMID: 17499330
7. Cresawn SG, **Prins C**, Latner, DR, Condit RC. Mapping and phenotypic analysis of spontaneous isatin- β -thiosemicarbazone resistant mutants of vaccinia virus. *Virology*. 2007 Jul 5;363(2):319-32. PMID: 17336362
8. **Prins C**, Cresawn S, and R. Condit. An isatin-beta-thiosemicarbazone-resistant vaccinia virus containing a mutation in the second-largest subunit of the RNA polymerase is defective in transcription elongation. *JBC*. 2004 Oct 22;279(43):44858-71. PMID: 15294890
9. **Prins C**, Frisque RJ. JC virus T' proteins encoded by alternatively spliced early mRNAs enhance T antigen-mediated viral DNA replication in human cells. *J Neurovirol*. 2001 Jun;7(3):250-64. PMID: 11517399
10. Bollag B, **Prins C**, Snyder EL, Frisque RJ. Purified JC virus T and T' proteins differentially interact with the retinoblastoma family of tumor suppressor proteins. *Virology*. 2000 Aug 15;274(1):165-78. PMID: 10936097

Books and Book Chapters

1. **Prins, C** (Contributing Author). "APIC Certification Study Guide", 6th Edition. 2015. Carol McLay (Lead Author).
2. **Prins, C** (Contributing Author). "APIC Certification Study Guide", 5th Edition. 2014. Carol McLay (Lead Author).
3. **Prins, C**. Infectious Disease Epidemiology. In "Public Health Foundations: Concepts and Practices". 2010. Elena Andresen (Editor), Erin DeFries Bouldin (Editor).

Selected Abstracts

1. Predic M, Delano JP, Tremblay E, Iovine N, Brown S, **Prins C**. Risk Factors for Carbapenem Resistant Enterobacteriaceae Infection. Presented at the Association of Professionals in Infection Control annual meeting, Portland, OR, June 13-16, 2017.
2. Delano JP, Predic M, **Prins C**, Brown S. A Multifaceted Educational Approach to Improving Personal Protective Equipment Compliance in Isolation Precaution Rooms at an Academic-affiliated Acute Care Hospital. Presented at the Association of Professionals in Infection Control annual meeting, Portland, OR, June 13-16, 2017.
3. **Prins C**, Azarian T. Assessment of Influenza Vaccine Knowledge and Attitudes in North Central Florida. Presented at the American Public Health Association annual meeting, New Orleans, LA, November 16-19, 2014.
4. **Prins C**, Cantrell A, Marsiske M, Pomeranz J, Hanson S, Perri M, PhD, von Castel-Roberts K, White S. Blended Learning in Public Health - Strategies, Outcomes, and Early Lessons Learned. Presented at the American Public Health Association annual meeting, New Orleans, LA, November 16-19, 2014.
5. Ha S, Talbott EO, Kan H, **Prins C**, Xu X. The effects of heat stress and its effect modifiers on stroke hospitalizations in Allegheny County, Pennsylvania. Presented by Sandie Ha at the American Public Health Association annual meeting, San Francisco, CA, October 27-31, 2012.
6. Rand K, Houck H, Gaskins D, Pittman L, **Prins C**, Fauerbach L, Seifert H, and Gross M. Spread of KPC Carbapenemase-producing *K. pneumoniae* to North Florida. Presented by K. Rand at the Association for Molecular Pathology Annual Meeting, Los Angeles, CA, November 7-10, 2007.

Media

Prins, C. Live phone interview by Manny Munoz and Mark Eigarsh. Topic: Nationwide Measles outbreak and the debate over vaccines. WIOD 610 radio, Miami, FL. February 9, 2015.

TRAINING

- 04/12 Society for Healthcare Epidemiology (SHEA), Spring 2012 Conference: Advancing Healthcare Epidemiology and Antimicrobial Stewardship, *Advanced Epidemiology Methods Track*, Jacksonville, FL
- 03/12 UF IFAS Research Office, *Write Winning Grant Proposals*, Gainesville, FL
- 03/08 APIC Northeast Florida Chapter 50, Educational seminar: *Infection Control in the River City – What’s Bugging You*, Jacksonville, FL
- 08/07 Alachua County Health Department, *Pandemic Influenza Workshop*, Gainesville, FL
- 08/07 Association of Professionals in Infection Control (APIC), *EPI 101: The Fundamentals of Infection Surveillance, Prevention and Control*, Baltimore, Maryland

- 07/07 FEMA Course, *Introduction to Incident Command System, I-100 for Health Care/Hospitals*; online course
- 07/07 FEMA Course, *Applying ISC to Healthcare Organizations, I-200 for Healthcare/Hospitals*, online course
- 07/07 FEMA Course, *National Incident Management System (NIMS) An Introduction, IS-700*, online course

HONORS AND AWARDS

- 2017 Public Health Award for Faculty Excellence, College of Public Health and Health Professions
- 2015 Public Health Award for Faculty Excellence, College of Public Health and Health Professions
- 2013 University of Florida Outstanding Young Alumni Award
- 2012 PHHP Outstanding Alumni Award, Epidemiology
- 2012 Public Health Award for Faculty Excellence, College of Public Health and Health Professions
- 2011 Alumni Member of the Beta Upsilon chapter of Delta Omega, the National Public Health Honor Society
- 2000 Travel grant from the American Society for Virology
- 2000 Travel grant from the Committee on Institutional Cooperation, Women in Science and Engineering Initiative (WISE)
- 2000 Second Place, poster presentation, Penn State Graduate Research Symposium
- 1998 Travel grant from the American Society for Virology
- 1998 Sigma Xi Grant-in-Aid of Research
- 1998 Third Place, poster presentation, Penn State Graduate Research Symposium
- 1995 Outstanding Graduate Teaching Assistant, from the Department of Biochemistry and Molecular Biology, The Pennsylvania State University

PROFESSIONAL SERVICE

UF and National Service

- 05/17 Small group discussion facilitator, UF Health Leadership in Action workshop
- 02/17 Invited Member of the selection committee, 2016-2017 Doctoral Dissertation Awards
- 06/16- Selected member of the Education Committee Panel for the SHEA/CDC Outbreak Response Training Program
- 02/16- Selected Member of the Society of Healthcare Epidemiology of America (SHEA) Education Committee
- 08/15- Elected Member of the UF faculty Senate
- 02/16 Invited Member of the selection committee, 2015-2016 Doctoral Dissertation Awards
- 02/15 Invited Member of the selection committee, 2014-2015 Doctoral Dissertation Awards

- 08/14 - Elected Member of the UF Faculty Senate (One-year term)
- 10/13 - 10/16 Chair of the PPHP Curriculum Committee
- 09/13 - University Graduate Council Member
- 07/13-11/13 Dean's Office Instructional Designer Search Committee
- 05/12 Co-Organizer of the 1st Annual UF MPH Alumni Reunion
- 12/12- PPHP Blended Learning Taskforce
- 10/12-03/13 Behavioral Science and Community Health Faculty Search Committee
- 09/12-07/14 University Parking and Transportation Advisory Committee
- 08/13-08/14 Member of the Epidemiology Seminar/Symposium Committee
- 11/11-08/13 Chair of the Epidemiology Seminar/Symposium Committee
- 11/11- Department of Epidemiology Executive Leadership Committee
- 11/11- Department of Epidemiology Faculty Committee
- 11/11- Department of Epidemiology Curriculum Committee
- 11/11- Department of Epidemiology Admissions Committee
- 11/11-08/12 College of Medicine Faculty Council
- 10/11-02/12 Behavioral Science and Community Health Faculty Search Committee
- 07/11- PPHP Curriculum Committee Member
- 03/11-02/16 Department of Epidemiology Faculty Search Committee
- 09/10-01/13 Epidemiology MPH Concentration Coordinator

PhD Dissertation Committee Member

- 2015 Marissa Valentine, PhD candidate EGH (in progress), Committee member.
- 2015 Amy Marinski, PhD candidate *Nursing* (in progress), Committee member.
- 2015 Brian Peach, PhD candidate *Nursing* (in progress), Committee member.
- 2014 Hui Hu, PhD candidate *Epidemiology*, Committee member. Topic: Neighborhood Environment and Hypertensive Disorders of Pregnancy, 2016
- 2012 Zheng Li, PhD candidate *Epidemiology*, Committee member. Topic: Health Outcomes and Pediatric Asthma: A Longitudinal Study, 2012

MS Dissertation Committee Member

- 2016 Marko Predic, MSE Candidate, Committee Chair. Evaluation of Patient Risk Factors for Carbapenem-Resistant Enterobacteriaceae Infection, 2016

MPH Research Advisor

- 2017 Kudirat Salam, Assessment of Occupational Health and Hazard at Cancer Treatment Centers of America
- 2016 Thomas J. Arndt, Noninvasive Diagnosis of Nonalcoholic Steatohepatitis (NASH) Using a Combination of Plasma Biomarkers and Clinical Indicators
- 2016 Jennifer Johnson, Power Outage Emergency Response Plan for Food and Beverage Locations at Walt Disney World
- 2016 Christine Ikponmwonba, A Retrospective Analysis of the Rate of Completion of Latent Tuberculosis Infection Therapy Among HIV Co-infected Individuals Compared to other Chronic High Risk Groups

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- 2015 Muna Oli, Change in the Incidence of Ventilator Associated Pneumonia Following Changes in Surveillance Definition
- 2015 John Delano, Frequency of Asymptomatic Bacteriuria and Inappropriate Antimicrobial Use in Patients with Indwelling Urinary Catheters at a Large Academic Teaching Hospital
- 2015 Kevin Cowart, Therapeutic Drug Monitoring of Anti-Tuberculosis Therapy: A Retrospective Analysis of Cycloserine over 5 Years
- 2015 Patrick Rowe, Alachua County School Influenza Surveillance
- 2015 Samantha Sites, Stroke Patient Functional Abilities and Depressive Symptoms Among Caregivers
- 2014 Laney Kay, How Guardianship and Other Current Systems, Laws and Policies Contribute to Financial Exploitation of the Elderly: Policy Review and Recommendations for the State of Georgia
- 2014 Alexis Wilson, Advanced Tuberculosis Disease among Haitians residing in South Florida
- 2013 Hector Rivas, Applying TB Genotyping to TB Control Practices in Los Angeles County, 2004-2013
- 2013 David Dekevich, Growth dynamics, infectivity and virulence of *Mycobacterium fortuitum* based on environmental conditions
- 2013 Joy Scheidell, Retention in care and fetal demise among HIV-infected pregnant women: A quality improvement project
- 2013 Melissa Johnston, Assessing the Perceived Impact of Religious Beliefs/Practices on an Indigent Primary Healthcare Population: A Cross-Sectional Pilot Study
- 2012 Randy Connolly, Sun of Daedalus: The Descriptive Epidemiology of Skin Cancer in Military Aviators
- 2012 Jason Lange, Use of Genetic Material and Genetic Testing in Clinical Research: Risks, Benefits and Perceptions
- 2012 Bonnie Lam, Analysis of the New River Emergency Room Alternative Program for Bradford County from July 01, 2011 to June 30, 2012
- 2012 Furqan Haq, Inaccuracies in Interpreting Computerized Electrocardiograms without Cardiologist Intervention
- 2012 Aleksandra Bacewicz, Analysis of a Community Outreach Effort to Enroll Alachua County Residents in Health Research Studies
- 2012 Ian Kracalik, Estimating the diffusion and burden of cholera during the 2008 to 2009 epidemic in Zimbabwe
- 2012 Lisa LaGorio, Evaluating Quality of Life Issues for Gastroparesis Patients and their Caregivers: Development and Validation of the Gastroparesis Quality of Life Assessment
- 2012 Corrine Warren, Population Demographics and Representativeness of HealthStreet Respondents by ZIP Code, Alachua County, Florida
- 2012 Katherine Pennenga, Effect of PCR Detection of Respiratory Viruses on Patient Length of Stay

- 2012 Yu Li, Risk Factors Related to the HCV Incidence among Young Adults in Seminole County
- 2012 Nicole Kay, Sleep Duration and Mortality in Older Adults
- 2011 Amal Wanigatunga, Exploration of sedentary behaviors and its association to the risk of cardiovascular disease in older, postmenopausal women in the Women's Health Initiative Observational Study
- 2011 David Parfitt, Geographic Trends in Confirmed Animal Rabies Cases in Florida
- 2011 Laura Haderhanaj, Development of the First Surveillance Report for the Florida BRFSS Child Health Callback Survey, 2008-2009
- 2011 Erika Manion, The epidemiology of report of child maltreatment in Florida

Offices

- 08/15 - President of the Beta Upsilon Chapter of Delta Omega
- 02/15 - President, Suwannee Chapter of Association of Professionals in Infection Control
- 08/14-08/15 President Elect of the Beta Upsilon Chapter of Delta Omega
- 02/14-02/15 President-elect, Suwannee Chapter of Association of Professionals in Infection Control
- 07/13- Past-President of the Beta Upsilon Chapter of Delta Omega
- 07/12-07/13 President of the Beta Upsilon Chapter of Delta Omega
- 07/11-07/12 President Elect of the Beta Upsilon Chapter of Delta Omega
- 11/09-11/11 Treasurer, Suwannee Chapter of Association of Professionals in Infection Control
- 11/08-11/09 President, Suwannee Chapter of Association of Professionals in Infection Control
- 11/07-11/08 President Elect, Suwannee Chapter of Association of Professionals in Infection Control

PROFESSIONAL MEMBERSHIPS

- 2014- Florida Professionals in Infection Control
- 2013- Association of Professionals in Infection Control
- 2011- Society for Healthcare Epidemiology of America
- 2010-2011, 2013 - American Public Health Association
- 2009-2011 Society for Healthcare Epidemiology of America
- 2006-2011 Association of Professionals in Infection Control
- 2005-2006 Public Health Student Association, University of Florida
- 1995-2006 American Society for Virology

TEACHING

Courses Taught

- Biology and Epidemiology of HIV/AIDS, online
- Hospital Epidemiology

Principles of Epidemiology in Public Health (on-campus and online)
Public Health Biology

Lectures

Vaccines and Disease Prevention, Introduction to Public Health for Health Professionals course, online

Lecture on Epidemiologic Measurements of Health, Introduction to Public Health for Health Professionals course, online

Lecture on The History of Public Health, Introduction to Public Health for Health Professionals course, online

Guest Lectures

- 10/16 Guest Lecture on Healthcare Epidemiology, Public Health Concepts in Infectious Disease, Robert Cook, Instructor, University of Florida
- 11/15 Invited Lecturer for "First Year Seminar - Bubonic Plague, Avian flu, and Zombies: Pandemics past, present, future", Amy Dailey, Instructor, Gettysburg College, Gettysburg, PA
- 10/15 Guest Lecture on Healthcare Epidemiology, Public Health Concepts in Infectious Disease, Robert Cook, Instructor, University of Florida
- 03/15 Guest Lecture on Emerging and Reemerging Infections, Introduction to Public Health, Madsen Beau De Rochars, Instructor, University of Florida
- 10/14 Invited Lecturer for "[First Year Seminar](#) - Bubonic Plague, Avian flu, and Zombies: Pandemics past, present, future", Amy Dailey, Instructor, Gettysburg College, Gettysburg, PA
- 10/14 Guest Lecture on Healthcare Epidemiology, Public Health Concepts in Infectious Disease, Robert Cook, Instructor, University of Florida
- 03/14 Guest Lecture on Measurement in Healthcare Epidemiology, Measurement in Epidemiology & Outcomes Research, Maria Khan, Instructor, University of Florida
- 11/13 Guest Lecture on Screening for Disease, COM Population Health Track
- 10/13 Guest Lecture on Healthcare Epidemiology, Public Health Concepts in Infectious Disease, Robert Cook, Instructor, University of Florida
- 09/13 Guest Lecture on Epidemiology and Parasitology, Parasitology course, Monika Oli, Instructor, University of Florida
- 04/13 Guest Lecture, Interdisciplinary Program in Biomedical Sciences Graduate Student Organization (GSO) Career Development Seminar
- 09/12 Guest Lecture on Measurements in Epidemiology, COM Population Health Track
- 06/12 Guest Lecture on Infection Control, Infectious Disease Epidemiology course, Jerne Shapiro, Instructor, University of Florida
- 05/11 Guest Lecture on Infection Control, Infectious Disease Epidemiology course, Jerne Shapiro, Instructor, University of Florida

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- 02/11 Guest lecture on Infectious Disease Epidemiology, Health Sciences Course, Sarah McKune, Lecturer, University of Florida
- 05/10 Guest Lecture on Infection Control, Infectious Disease Epidemiology Course, Jerne Shapiro, Instructor, University of Florida
- 10/08 Guest lecture on Infectious Disease Epidemiology, Health Sciences Course, Erin DeFries, Lecturer, University of Florida
- 04/08 Guest lecture on Healthcare Surveillance, Assessment and Surveillance Course, Ellen Lopez, Professor, University of Florida
- 10/07 Guest lecture on Infectious Diseases, Health Sciences Course, Elena Andressen, Coordinator, University of Florida
- 05/05 Guest lecture on Molecular Epidemiology, Infectious Disease Epidemiology Course, Jerne Shapiro, Instructor, University of Florida