

Date of Preparation: August 26, 2015,



Signature:

Teena Chopra MD, MPH Clinical Educator

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EDUCATION

A. Graduate:

Master's in Public Health; Wayne State University – Department of Family Medicine and Public Health Sciences (Detroit, MI) Sep 2009 – Dec 2011

Training Course in Hospital Epidemiology for Infectious Diseases, Society for Health Care Epidemiology of America (SHEA) May 2009

Medical School; MBBS, Dayanand Medical College (Ludhiana, India) Aug 1996 – Jul 2001

B. Baccalaureate:

S.R. Govt. College, Amritsar, India; graduated with Honors in Physics, Chemistry and Biology Jul 1994 – Jul 1996

POSTGRADUATE TRAINING

Awarded support by WSU Dean's office to attend AAMC Early Career Women Faculty Professional Development Seminar ,Denver, Colorado 2015

Certified in "Stanford Faculty Development Program in Medical Teaching, Nov-Dec 2013". The program is a longstanding nationally-recognized teaching improvement effort designed to help faculty enhance versatility in teaching, better analyze and improve teaching encounters, and engage in collegial discussions about approaches to teaching. Nov2013-Dec 2013

Awarded \$5000 by the Chairman of Medicine (Dr John Flack) as a part of Career Development to attend the Scientific Writing Course for Professionals by Dr. Gopen in North Carolina.	April 2013
Fellow, Infection Control and Hospital Epidemiology, Detroit Medical Center – Wayne State University (Detroit, MI)	Jul 2010 – Jun 2011
Fellow, Infectious Diseases and Infection Control, Detroit Medical Center – Wayne State University (Detroit, MI)	Jul 2008 – Jun 2010
Residency, Internal Medicine, Detroit Medical Center – Wayne State University (Detroit, MI)	Jul 2005 – Jun 2008

FACULTY APPOINTMENTS

Academic Advisor, Department of Family Medicine And Public Health Sciences, MPH program, Wayne State University, (Detroit, MI)	Jul 2012 – Present
Assistant Professor, Division of Infectious Diseases, Detroit Medical Center – Wayne State University (Detroit, MI)	Jul 2011 – Present

HOSPITAL OR OTHER PROFESSIONAL APPOINTMENTS

Attending Physician, Detroit Receiving Hospital	Jul 2011 – Present
Attending Physician, Harper and Hutzell Hospital	Jul 2011 – Present
Attending Physician , Karmanos Hospital	Jul 2011 – Present
Assistant Corporate Director Infection Prevention, Hospital Epidemiology and Antibiotic Stewardship, Detroit Medical Center – Wayne State University (Detroit, MI)	Jul 2011 – Present
Director, Infection Prevention, Hospital Epidemiology and Antibiotic Stewardship, Kindred Hospital* (Detroit, MI) *Kindred Hospital is a 77-bed Long Term Acute Care Hospital located in Detroit. Wayne state has a contracted position with Kindred to provide them an Infection control and Antibiotic Stewardship Program and I have been appointed by Wayne State to serve this role.	Jul 2011 – Present
Director, Infection Prevention, Hospital Epidemiology, Harper Hospital (Detroit, MI)	Jul 2012 – Present
Director, Pharmacy and Therapeutics Committee, Kindred Hospital * *As a contractual position with Wayne State , I serve as the chair of Kindred’s Pharmacy and Therapeutics Committee	Sept 2014 - Present

MAJOR PROFESSIONAL SOCIETIES

Member, American Medical Association (AMA)
Member, Michigan State Medical Society
Member, Wayne County Medical Society
Member, American Society of Microbiology
Fellow, Infectious Disease Society of America (IDSA)
Member, Society for Health Care Epidemiology of America (SHEA)
Member, American Geriatric Society (AGS)
Fellow, American College of Physicians(ACP)

MEDICAL LICENSURE & BOARD CERTIFICATION

Infectious Disease board certified – Certified through 2020 Board Certification Number: 295132	2010-2020
Internal Medicine board certified – Certified through 2018 Board Certification Number: 295132	2008-2018
ECFMG Certified Certification Number: 06413033	2004

AWARDS

Awarded “Most Engaged Physician” by DMC Harper Hutzell Hospital for the month of July 2015.	2015
Second Prize for Poster Presentation “ My Health Care Application : An Innovative Tool for Patient Education to Boost Quality Care” in Institute of Electrical And Electronics Engineers/IEEE SEM Humanitarian Technology Conference, July,2015	2015
Awarded Fellowship by Infectious Diseases Society of America(IDSA) <i>Fellowship in IDSA honors those who have achieved professional excellence and provided significant service to the profession</i>	2015
Awarded Fellowship by American College of Physicians(ACP) <i>Fellowship in ACP honors those who have achieved professional excellence and provided significant service to the profession</i>	2014
Fellows Travel Grant in the amount of \$1100 to attend the Society for Health Care Epidemiology of America (SHEA) Annual Meeting in Dallas in April.	2011
Fellows Travel Grant in the amount of \$1085 to attend the 48th Annual Meeting of the Infectious Diseases Society of America (IDSA), Vancouver, BC, Canada in October.	2010

Graduate Professional Scholarship for Fall and Winter Semesters for Master's Public health at Wayne State University	2010
IDSA Fellow's Travel Grant	2009
The American Society of Microbiology Committee Award for ICAAC (one of 40 ID fellows in the US).	2009
Scholarship to support my attending the Society for Health Care Epidemiology of America (SHEA) (one of 5 ID fellows in the US)	2009
First Prize for Poster Presentation on Research Day, Wayne State University. Title: Out of Drugs, Out of Time: Clinical and Infection Control Aspects of a Multidrug-resistant <i>Acinetobacter baumannii</i> Outbreak in a Neonatal Intensive Care Unit.	2009
First Prize for Oral Presentation on Research Day, Wayne State University. Successful surgical treatment of a fulminant case of Austrian's Syndrome in a HIV patient.	2009
Third Prize for Poster Presentation at the Annual American College of Physicians (ACP) (Michigan) Current Epidemiology of <i>Clostridium difficile</i> Associated Disease (CDAD) in Hematopoietic Stem Cell Transplant Recipients (HSCTR)	2008

Medical School Honors and Awards:

G.S. Memorial Award for work in the National Polio Eradication Drive	2000
Distinction in Social and Preventive Medicine (Second Place, 3rd year medical school)	1999
Distinction in Pathology, Pharmacology and Forensic Medicine (Second Place in Medical School; Awarded College Color and Dean's Recognition)	1998
Honors in Physiology, Biochemistry and Physiology	1997

SERVICE

Wayne State University Departmental/Divisional:

Member, Compensation Committee

Interviewer for Internal Medicine Residency Program annually

Interviewer for Infectious Diseases Fellowship Program annually

Interviewer for Infection Prevention Fellowship Program annually

WSU Antibiotic Resistance and Nosocomial Infection Team(WARNIT)

UPG or other physician practice plan

Member Physician Leadership Council, Harper Hospital	2015
Member Quality Committee, UPG	2013-Present
Chair Infection Control Committee, Harper Hospital	2013-Present
Health System Infection Control Committee, DMC	2012 - Present
Member, Antimicrobial Stewardship Committee, DMC	2012- Present
Member, Pharmacy and Therapeutics Committee, DMC	2012 - Present
Member, System Quality Committee, DMC	2012 - Present
Member, System Critical Care Committee, DMC	2012 - Present
Member, Critical Care Sentinel Infection Committee, DMC	2012 - Present
Chair, Immunization Committee, DMC	2012 – Present

Professional

Fellow, Infectious Diseases Society of America(IDSA)	2015
Editor for Journal of Pathogen and infectious diseases	2015
Fellow, American College of Physicians(ACP)	2014
Infectious Diseases Society of America (IDSA) <i>Organized the session on “Infections in Older Adults” at Infectious Diseases Society of America Annual meeting, San Diego (Over 70 Infectious Diseases Fellows attended). I acted as the PI on the “Association of Specialty Professors Small Projects Grant 2012”. Title of Project: Symposium on “Infections in Older adults for Infectious Disease Fellows-A Step in the Right Direction.”</i>	2012-Present
Michigan Antibiotic Resistance Reduction Coalition (MARR): <i>Submitted A letter of intent as the PI for a joint commission grant in collaboration with MARR. We meet quarterly to discuss the development of programs to help decrease antibiotic resistance in the community.</i>	2013-Present
Society for Healthcare Epidemiology of America (SHEA): <i>As an active member in the SHEA Education Committee, I helped coordinate programs to improve Infectious Diseases fellows’ training around Infection control and Antibiotic Stewardship. A member of the SHEA Conflict of Interest Committee and SHEA Membership Committee.</i>	2013 – Present

American Geriatric Society (AGS) Junior Faculty Committee 2013-Present
As an active member of the AGS junior faculty Committee I help organize the annual meetings. Specifically I review abstracts submitted prior to the meeting. I also helped creating mentorship opportunities for medical students and act as a faculty mentor myself.

Community

Elected to serve as Board of Director for Wayne County Medical Society of Southeast Michigan (WCMSSM) 2015

Member, WCMSSM Committee on Medical & Public Health Issues 2015

Consulting:

National Chair, Data And Safety Monitoring Board (DSMB), Rebiotix Study to Investigate use of Fecal Transplantation for treatment of with recurrent *Clostridium difficile* infection (CDI). 2014 – Present

The DSMB Chair is responsible for overseeing the meetings and developing the agenda in consultation with the sponsor. The Chair is the contact person for the DSMB. The DSMB consists of at least two physicians from infectious diseases or gastroenterology who are not investigators in the study but have experience managing patients

Service for Peer-Reviewed Journals (Review of Manuscripts):

Ad hoc Peer Reviewer for :

Clinical Infectious Diseases 2012-Present

Clinical Microbiology Reviews. 2013-Present

Antimicrobial Agents And Chemotherapy. 2012-Present

Infection Control And Hospital Epidemiology. 2011-Present

Journal of American Geriatric Society (AGS) 2012-Present

Texas Heart Institute Journal. 2013-Present

Journal of Hospital Medicine: Antimicrobial Stewardship. 2013-Present

Open Forum Infectious Diseases 2014-Present

The International Journal of Clinical Practice 2015

TEACHING

Teaching at Wayne State University

Medical Students and Residents at WSU:

“Infection Prevention and Control in the Hospital: Importance of Hand Hygiene” an on-campus Educational Session presented to DMC and WSU students, annually. 2012- Present

“Infectious Diseases And Tutorial Lectures” Educational sessions, annually. 2012-Present

“Primary Care – Respiratory Infections, Flu and Other” a lecture presented to DMC and WSU residents. 2013

“*Clostridium difficile* –An Urgent Threat!” a lecture presented in grand rounds for medical students, ID residents and fellows. 2013

A lecture on “Infection Control” presented to medical students and ID residents at WSU and DMC, annually. 2012-Present

Fellows at DMC

Annually presented a lecture on “Epidemiology And Biostatistics” 2012-Present

Clinical Instructor for Infectious Diseases Clinical Consult Rounds 2012-Present

Mentorship

Clinical Apprenticeship:

Infectious Diseases consultation service (2 months at HUH and 2 months at DRH) – residents and students were on consult teams. 2012-Present

Clinical /Ambulatory supervision: Supervised ID fellows in clinic on 2 occasions. 2012-Present

Clinical Conferences led with residents and students monthly. 2012-Present

Physical Diagnosis: 2 physical diagnosis sessions Conducted for medical students at WSU yearly. 2012-Present

Research Apprenticeship:

Research Scholar

Reda Awali, MD, MPH (Research scholar and a former WSU MPH student): 2012-Present

Reda Awali was and is still working as a research assistant with me. I have mentored him on several different research projects. He has presented his work at IDSA 2012, IDSA 2013, IDSA 2014, and SHEA 2014.

Reda is the first author on a manuscript published at the AJIC. He is also a coauthor on 3 other manuscripts published at AJIC and ACC. See publication number 3, 4, 5, 10.

Medical Students

Jonathan Koons (WSU Medical Student): 2015

Jonathan is working with me on his project on “Efficacy of Ertapenem in bacteremia from AmpC beta-lactamase producing Enterobacteriaceae” this summer. He was awarded the WSUSOM Medical Student Summer Research Award 2015 for his project.

Catherine Edgell (WSU Medical Student): 2015

Catherine is working with me on “The Epidemiology of CDI at LTACHS”. She recently presented a poster on the same topic at the Michigan ACP chapter meeting held in May 2015.

Sheila Waslawski (WSU Medical Student): 2013-2014

Sheila is a 3rd year medical student at WSU. Sheila worked under my mentorship for her research project which won the Medical Student Summer Research Award for 2014. The title of the project: The Burden of *Clostridium difficile* Infection on Hospital Readmissions in Older Patients. The paper is under review in AJIC.

Caitlin Biedron (WSU Medical Student): 2012-2014

Caitlin Biedron, a 4th year Wayne State medical student, was trained for her summer research project. She presented her work in the form of 4 poster presentations at American Geriatric Meeting (2012 and 2013), 12th Annual Michigan Epidemiology conference and Wayne State University student’s research day. Caitlin Biedron was awarded the Arnold P. Gold Foundation Summer Research Fellowship (May - July 2013) for the project entitled “Assessment of Management of Older Adults with *Clostridium difficile* Infection at Long-Term Care Facilities” Caitlin won

the first prize (Medical student winner in the CQI poster category) for the poster entitled “No Healthcare Facility Is an Island – An Assessment of Healthcare Workers’ Knowledge of Infection Prevention and Antimicrobial Resistance in a Long-Term Acute Care Facility” that was presented at the ACP Michigan Chapter Annual Scientific Meeting (Bellaire, MI) on September 2013. Caitlin Biedron successfully completed medical school and matched as an Internal Medicine Resident at Washington University.

Naasha Gheyara (Medical Student at WSU):

2010-2012

Naasha Gheyara presented a research project at the Michigan Epidemiology Conference, Lansing, MI, USA in 2010 with my mentorship. Title: Epidemiology and Outcomes Associated with Surgical Site Infection (SSI) Following Bariatric Surgery. Naasha Gheyara won the 2nd prize for his presentation. He matched at Internal Medicine program in Indianapolis.

Ming Jia Li, BS (Medical Student at WSU):

2010-2011

Ming Jia Li presented research project at Michigan Epidemiology Conference, Lansing, MI. with my mentorship. Title: Factors Predictive for Recurrent *Clostridium difficile* infection (CDI) in Hematopoietic Stem Cell Transplant Patients (HSCT).

Patrick Bradley (Medical Student at WSU):

2010-2011

Mentored Patrick Bradley on a research project presented at Michigan Epidemiology Conference, Lansing, MI, U.S.A. Title: Molecular and Epidemiological Characterization of *Clostridium difficile* Strains in a Tertiary Care Hospital. Patrick won the IDSA Medical Scholarship for medical students 2010 for this project.

Sarah Wolf (Medical Student at WSU):

2010-2011

Sarah Wolf presented a research project at Michigan Epidemiology Conference, Lansing, MI, USA with my mentorship. Title: Factors Predictive for Severe *Clostridium difficile* infection (CDI) in the Elderly – A Case-Control Study.

Luigino Bernebela MD (Medical Student)

2009-2011

Luigino Bernebela was mentored in multiple projects on *Clostridium difficile* including teaching him laboratory techniques of Pulse Field Gel Electrophoresis/PFGE and PCR. Mentored Luigino Bernebela in writing two abstracts that were presented as posters at the American College of Physicians (ACP), Michigan Chapter 2009. He matched at an Internal Medicine Program in New Jersey.

WSU MPH Students

Sudan Sukesh (MPH student):

2013-Present

I am the research advisor for Sudan Sukesh. His MPH project is on “Trends in Antibiotic Susceptibility of *Pseudomonas Aeruginosa* isolates in a long term acute care hospital in Metropolitan Detroit”.

He has also worked on several research projects with me that he has presented in national meetings. See abstract # 2

Chris Rivard (MPH student):

2013-2015

I was the research advisor for Chris Rivard. He wrote a review paper with me that was recently published in a peer review journal .See publication #43. He also successfully completed his MPH project titled “The epidemiology of *Klebsiella pneumoniae* carbapenemase (KPC)-producing bacteria at a Long-term Acute Care Facility” and has landed in a residency program in Chicago starting July 2015. Chris Rivard has also sent his project to be published in a high impact peer review journal and the paper is currently under review.

Uzma Bashir, MD

2012-2014

Uzma Bashir was mentored for her research project on “Carbapenem Resistant Enterobacteriaceae outbreak at a long term care facility” She presented her work at American Geriatrics Society, 2013. See abstract #7,10 Uzma Bashir matched at an Internal Medicine Program in New York.

Farah Ahmad, MBBS

2011-2013

Farah Ahmad was mentored for her MPH research/Thesis project on “Epidemiology of Extended Spectrum Beta Lactamase Infections” Farah Ahmad successfully completed MPH in 2013.

Sudha Mudumana, PhD

2012-2013

Mentored Sudha Mudumana for her Practicum project entitled “Knowledge and Management of *Clostridium difficile* Infection (CDI) at Long-term Care Facilities”. See abstract #14

Residents

Jenifer Veltman, MD

2011-2013

Dr Veltman published her research project on “Impact of cefepime therapy on mortality among patients with bloodstream infections caused by extended-spectrum- β -lactamase-producing *Klebsiella pneumoniae* and *Escherichia coli*”. Please see publication #15. Dr Veltman then went on to do her fellowship in Infectious Diseases at UCLA medical center in 2014 and joined as an Assistant Professor in the division of Infectious Diseases at Wayne State in 2014-2015 as my colleague.

Amar Krishna, MD

2012-Present

Dr. Amar Krishna got many publications during this period and presented his work at National IDSA Meeting in Boston, 2011 and matched in Internal Medicine Residency Program in 2012. See Publication #44. Dr. Amar Krishna has matched as fellow in Infectious Diseases at WSU in 2015.

Indu Chalana MD

2011-Present

Dr. Indu Chalana presented at the National IDSA Meeting in Boston, MA. She has several publications (#1, #4) with me. She matched in Internal Medicine Residency Program at Wayne State University in 2013. Dr. Chalana matched as fellow in Infectious Diseases at Ohio State University and will be starting her fellowship in July 2015.

Paul Johnson MD

2011-2014

Dr. Johnson has been my mentee since 2011 when he was a medical student at Wayne State University. He presented his work at the IDSA meeting in Philadelphia (See publication #1, 4 and 10). He matched at the Internal Medicine program at Beaumont Hospital in 2012 and continued working on his research projects with me. He got greatly drawn to ID and subsequently matched in the ID program at Beaumont Hospital in 2014.

Harris Ahmed MD

2012-2014

Dr. Ahmed worked on a project entitled “Epidemiology of bloodstream infections caused by *Acinetobacter baumannii* and impact of drug resistance to both carbapenems and ampicillin-sulbactam on clinical outcomes”. See publication #10. Dr Harris Ahmed matched in the Family medicine program at Beaumont Hospital, MI

Residents (Continued)

Bharat Marwaha MD

2012-2014

Dr Marwaha worked on a project entitled “ Understanding health care personnel's attitudes toward mandatory influenza vaccination ”
See publication #5.He matched at the Internal Medicine Residency program at St Vincent Program, Toledo, OH.

Puneet Gupta MD

2012-2013

Dr Gupta worked on a project entitled “ Understanding health care personnel's attitudes toward mandatory influenza vaccination ”
See publication #5. He matched in Internal Medicine program

Smitha Satyaprakash MD

2012-2013

Dr Satyaprakash worked with me on a project titled,” Cost of Pressure ulcers in Gunshot Wounds Victims with Paraplegia in Metro Detroit”.
(See Abstract 26).She matched in the Internal Medicine program at Saginaw, MI.

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Fellows

Ashish Bhargava, MD (Infectious Diseases Fellow at WSU) 2014-2015

Dr. Ashish Bhargava worked with me for his project on BK virus Disease in stem cell transplant recipient. Also won a second prize in poster presentation at ACP 2009 for his presentation on Candida kefyr Endocarditis in a patient with Hypertrophic Obstructive Cardiomyopathy. See Publication # 37. Dr. Ashish Bhargava matched in Infectious Diseases Fellowship at Wayne State University in 2013 and has joined now as faculty at St John's Medical Center, MI in 2015.

Carlos Reyes, MD (Infectious Diseases Fellow at WSU) 2013-2014

Dr. Reyes worked with me for his project on Antibiotic Stewardship Education amongst Medical Students and Residents. See abstract #21. Dr Reyes has joined an ID practice in Alabama.

Sarit Sharma, MD (Infection Control Fellow at WSU) 2014

Dr. Sarit Sharma was mentored for his project on "Impact of Clostridium difficile Diagnostic test on Clostridium difficile Infection rates" that was chosen as the top 5 papers at the Annual Society of Healthcare Epidemiology of America (SHEA) Meeting, 2013. Dr. Sharma worked with me on his project on *Clostridium difficile* Infection readmissions at DMC which was published in the April 2015 issue of American Journal of Infection Control. See Publication #3
Sarit completed his 1 year fellowship in Infection prevention and went back to India where he joined as an Associate Professor in Social and Preventive Medicine and Director of Infection Prevention at Dayan and Medical School and Hospital, Ludhiana, India

Anupama Neelakanta (Infection Control Fellow at WSU) 2014-2015

Dr. Anupama Neelakanta worked with me on her project on *Clostridium difficile* Infection readmissions at DMC which was published in the April 2015 issue of American Journal of Infection Control. See Publication #3
Anupama is now a ID faculty in the University of North Carolina,

Bhagyashri Navalkele, Dr. Shigehiko Karino and Dr. Nader Tashtoush (Infectious control Fellows at WSU) 2015

Currently mentoring them on several Infection Control and Quality Improvement Projects.

Infection Preventionist

2012-2014

Olufemi Jegede, MPH

I helped recruit Olufemi Jegede at Kindred hospital as an Infection preventionist in 2012. Olufemi Jegede worked on his research project on Mandatory Influenza Vaccination at LTACs with my mentorship. He presented his work at APIC, June 2012

Faculty

Pragneesh Patel, MD

2013-Present

Dr. Patel is a faculty in the Department of Internal Medicine division of Geriatrics. I have mentored Dr. Patel in his project "Assessment of Knowledge Regarding *Clostridium Difficile* Infection among Healthcare Workers (HCWs) at Long-Term Care Facilities (LTCFs). This paper is under review in the Annals of Long Term Care.

Course or Curriculum Development

Epidemiology of Infectious Diseases Course for Wayne State University MPH students 2013

As a faculty member in the Department of Family Medicine and Public Health Sciences at WSU, I was asked to develop an Elective Course on "Epidemiology of Infectious Diseases" for MPH students in department of Family Medicine And Public Health Sciences in Wayne State University in spring-summer semester of 2013. I was involved in formulating the learning objectives, syllabus and exam for the course. I also graded the exam at the conclusion of the course. The Course was very well attended by the MPH students and I have been asked to offer the course again.

Fecal Microbiota Transplantation (FMT)

2015

Proposal for Using Fecal Microbiota Transplantation (FMT) for Patients with *Clostridium difficile* infection (CDI) at the Detroit Medical Center (DMC) and Karmanos Cancer Center (KCI)

As a faculty in the Division of Infectious Diseases, I was asked by my division Chief to develop and lead the FMT program at DMC and KCI. I developed the FMT policy, procedure, and conducting the transplant at DMC and KCI and conducted the first successful transplant at KCI on July 24th, 2015

I have been asked by the Chief Medical Officer at Harper Hospital to develop the transition of Care Program for Harper Hospital. I have been working closely with Nursing Directors and Director of Patient Service Excellence to build a strong Transition Care System for the Harper Hospital.

Our initial work was presented at Institute of Electrical And Electronics Engineers/IEEE SEM Humanitarian Technology Conference, July,2015 and awarded the Second Prize for Poster Presentation “ My Health Care Application : An Innovative Tool for Patient Education to Boost Quality Care”

GRANTS AND CONTRACTS

Active National/International Grants and Contracts

Previously funded Grants and Contracts

1. Role : PI
Title of Project: Assessment of Knowledge Regarding Clostridium Difficile Infection among Healthcare Workers (HCWs) at Long-Term Care Facilities (LTCFs).
Date of Approved Project: 06/29/2012
Total grant: \$ 25,000.00
Harper Seed Grant
2. Role : PI
Title of Project: Symposium on “Infections in Older adults” for Infectious Disease Fellows-A Step in the Right Direction.
Association of Specialty Professors Small Projects Grant 2012 (In collaboration with Infectious Diseases Society of America (IDSA)
Date of Approved Project: 06/2012
Total grant: \$ 25,000.00
3. Role : Co-Investigator; PI-Keith Kaye MD
Title of Project: Evaluation of In Vitro Susceptibilities of Multi-Drug Resistant Gram-Negative Organisms to Tigecycline and Other Agents: A Comparison Between Four Different Methods of Susceptibility Testing.
Source: Pfizer Pharmaceuticals
Major Goals: This grant supports research analyzing in vitro susceptibility of multi-drug resistant gram-negative pathogens in Southeastern Michigan.
Dates of Approved Project: 11/05/09-12/31/11
Annual Direct Costs: \$292,853
4. Role : PI
Title of Project: Antibiotic Stewardship in Long-term Care Facilities
Date of Approved Project: 08/19/11
Total grant: \$ 25,000.00 Harper Seed Grant

Clinical Trials Activities

1. Role : PI
Title of project: Phase II, Randomized, Double-Blind, Active-Controlled Clinical Study to Investigate the Efficacy and Safety of SMT19969 (200 mg BID) for 10 days Compared with Vancomycin (125 mg QID) for 10 days for the Treatment of Clostridium difficile-Associated Diarrhea (CDAD)
Source: Summit Corporation plc
Date of Approved project: July 23, 2014
Total budget: \$50,416
Status: Ongoing

2. Role : PI
Title of Project: A Multi-center, Randomized, Double-Blind Study to compare the efficacy and safety of cadazolid versus vancomycin in subjects with Clostridium difficile-Associated diarrhea (CDAD).
Source: Actelion Pharmaceuticals
Date of Approved project: Feb 3, 2014
Total Budget Approved : \$ 951,073
Status: Ongoing

3. Role : PI
Title of Project: A Prospective Study to Quantify Interfacility movement of patients with Clostridium difficile Infection (CDI) and determine epidemiology of Recurrent CDI in Long Term Care Facilities.
Source: Cubist
Date of Approved Project: 10/01/12
Annual Direct Costs: \$66,456

4. Role : Co-Investigator,PI-Keith Kaye MD
Title of Project: Targeted Clinical Trials to Reduce the Risk of Antimicrobial Resistance.
Source: NIH-NIAID
Major Goals: This contract with the NIH supports a multi-center clinical trial studying the antimicrobial therapy of multi-drug resistant Acinetobacter baumannii.
Dates of Approved Project: 09/21/2010-02/28/2012
Annual Direct Costs: \$2,570,323

PUBLICATIONS

Peer-Reviewed Publications

Reports of Original Work

***Indicates training under supervision of Dr Chopra**

1. Degowning the controversies of contact precautions for methicillin-resistant *Staphylococcus aureus*: A review. Kullar R, Vassallo A, Turkel S, Chopra T, Kaye KS, Dhar S. *Am J Infect Control*. 2015 Sep 12. pii: S0196-6553(15)00850-0. doi: 10.1016/j.ajic.2015.08.003.
2. Risk factors and acute in-hospital costs for infected pressure ulcers among gunshot-spinal cord injury victims in southeastern Michigan. Chopra T, Marchaim D, Awali RA, Chalana IK, Ahmed F, Martin ET, Sieggreen M, Sobel JD, Kaye KS. *Am J Infect Control*. 2015 Nov 24. pii: S0196-6553(15)01036-6. doi: 10.1016/j.ajic.2015.10.002.
3. Jain T, Croswell C, Urdy-Cornejo V, Awali R, Cutright J, Salimnia H, Banavasi HV, Liubakka A, Lephart P, Chopra T, Revankar SG, Chandrasekar P, Alangaden G. "Clostridium difficile colonization in hematopoietic stem cell transplant recipients: A prospective study of the epidemiology and outcomes involving toxigenic and non-toxigenic strains" *Biol Blood Marrow Transplant*. 2015 Jul 23. pii: S1083-8791(15)00497-8. doi: 10.1016/j.bbmt.2015.07.020. [Epub ahead of print] *Role: Study design, analysis and manuscript review. Impact Factor 3.404.*
4. Tawney A, Semproch L, Lephart P, Valentine K, Thomas R, Asmar BI, Chopra T, McGrath EJ. "Impact of Contact Isolation Precautions on Multi-Drug Resistant *Acinetobacter baumannii* in the Pediatric Intensive Care Unit" *Infect Control Hosp Epidemiol*. 2015 Jun 5:1-3 [Epub ahead of print] *Role: Study design, analysis and manuscript review. Impact Factor 3.938.*
5. Chopra T, Marchaim D, Johnson PC*, Chalana IK*, Tamam Z, Mohammed M, Alkatib S, Tansek R, Chaudhry K, Zhao JJ, Pogue JM, Kaye KS. "Risk factors for bloodstream infection caused by extended-spectrum β -lactamase-producing *Escherichia coli* and *Klebsiella pneumoniae*: A Focus on Antimicrobials including Cefepime" *Am J Infect Control*. 2015 Apr 29. *Role: Study design, analysis and manuscript review. Impact Factor 2.326*
6. Chopra T, Goldstein EJ. "Clostridium difficile Infection in Long-term Care Facilities: A Call to Action for Antimicrobial Stewardship" *Clin Infect Dis*. 2015 May 15. *Role: Study design, analysis and manuscript writing. Impact Factor 9.416*
7. Chopra T, Neelakanta A*, Dombecki C*, Awali RA*, Sharma S*, Kaye KS, Patel P. "Burden of Clostridium difficile Infection on hospital readmissions and its potential impact under the Hospital Readmission Reduction Program" *Am J Infect Control*. 2015 Apr 1. *Role: Study design, analysis and manuscript review. Impact Factor 2.326*
There was a press release on this paper by American Professionals on Infection Control (APIC) in the American Journal of Infection Control. Also this paper received media coverage in California Health leaders (<http://www.healthleadersmedia.com/>), Health Care Business News and June issue of Health Facilities Management magazine.

8. Chopra T, Marchaim D, Johnson PC*, Awali RA*, Doshi H*, Chalana I*, Davis N*, Zhao JJ, Pogue JM, Parmar S, Kaye KS. “Risk factors and outcomes for patients with bloodstream infection due to *Acinetobacter baumannii*-calcoaceticus complex” *Antimicrob Agents Chemother*. 2014 Aug; 58(8):4630-5. *Role: Study design, analysis and manuscript review. Impact Factor 4.451 Citations 1.*
9. Awali RA, Samuel PS, Marwaha B*, Ahmad N, Gupta P*, Kumar V, Ellsworth J, Flanagan E, Upfal M, Russell J, Kaplan C, Kaye KS, Chopra T. “Understanding health care personnel's attitudes toward mandatory influenza vaccination ” *Am J Infect Control*. 2014 Jun; 42(6):649-52. *Role: Study design, analysis and manuscript review. Impact Factor 2.326 Citations 1.*
10. Bogan C, Kaye KS, Chopra T, Hayakawa K, Pogue JM, Lephart PR, Bheemreddy S*, Lazarovitch T, Zaidenstein R, Perez F, Bonomo RA, Marchaim D. “Outcomes of carbapenem-resistant Enterobacteriaceae isolation: Matched Analysis” *Am J Infect Control*. 2014 Jun; 42(6):612-20. *Role: Study design, analysis and manuscript review. Impact Factor 2.326 Citations 1.*
11. Dhar S, Marchaim D, Tansek R, Chopra T, Yousuf A, Bhargava A, Martin ET, Talbot TR, Johnson LE, Hingwe A, Zuckerman JM, Bono BR, Shuman EK, Poblete J, Tran M, Kulhanek G, Thyagarajan R, Nagappan V, Herzke C, Perl TM, Kaye KS. “Contact precautions: More is not necessarily better” *Infect Control Hosp Epidemiol*. 2014 Mar; 35(3):213-21. *Role: Study design and manuscript review. Impact Factor 3.938 Citations 7.*
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Book Authorships, Editorships, and Chapters

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PRESENTATIONS OF PEER-REVIEWED ABSTRACTS

Oral Presentations(Refereed):

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4. Chopra T, McGrath EJ, Abdel-Haq N, Preney C, Koo W, Flanagan E, Asmar BI, Kaye KS. Out of Drugs, Out of Time: Clinical and Infection Control Aspects of a Multidrug-resistant *Acinetobacter baumannii* Outbreak in a Neonatal Intensive Care Unit [Abstract]. In: Program and Abstracts of the Michigan Infectious Disease Society (MIDS) 2009 Annual Scientific Meeting. Michigan Infectious Disease Society (MIDS), 2009.

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Poster Presentations(Refereed):

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2. Sukhesh S, Awali RA, Theodoroff T, Kaye KS, Chopra T. Trends in Antibiotic Susceptibility of *Acinetobacter baumannii* Isolates from Two Long-term Acute Care Hospitals in Metropolitan Detroit [abstract]. In: Program and Abstracts of the American Geriatrics Society (AGS) 2014 Annual Scientific Meeting (Orlando, FL). American Geriatrics Society (AGS), 2014.
3. Awali RA, Narukonda S, Kandipalli D, Qazi U, Pervaiz A, Singh R, Marwaha B, Trehan N, Chopra, T. Epidemiology of *Clostridium difficile* Infection in Patients Transferred from Long-term Care Facilities to an Acute-care Hospital [abstract]. In: Program and Abstracts of Anaerobe 2104 (Chicago, IL). Anaerobe Society of the Americas (ASA) and the Society for Microbial Ecology and Diseases, 2014.
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Invited Lectures/Presentations

A. Invited/Refereed Presentations at International/National Meetings:

1. Invited by the Infectious Disease Association of California to speak at 2015 Summer Symposium: Practical Antimicrobial Stewardship, 2015 at the Hilton Hotel in Irvine, CA.
2. Infectious Diseases Society of America (IDSA) 2012, at San Diego, California "Antibiotic Stewardship at LTCFs".
3. Invited to present "Epidemiology of Bariatric Surgical Site Infections" at the National ICAAC meeting Philadelphia 2012.

B. Invited/Refereed Presentation at Local/Regional Meetings:

1. Presented an Update on Ebola at the Physician Leadership Council Meeting, 2014 at the Detroit Athletic Club, Detroit MI 2014.
2. Led the Influenza vaccination campaign at DMC during the 2009-2010 H1N1 Influenza outbreak. This included multiple education lectures for the staff and media interviews.
3. Fall Scientific Conference held by the Michigan Infectious Disease Society (2013) and

The Michigan Department of Community Health; invited lecturer speaking about “Influenza Vaccine (Physician perspective).” This was held at Botsford Hospital, MI.

4. Update in Infectious Diseases conference held by Wayne State University, School of Medicine on September 2013 (Detroit, MI); invited lecturer speaking about “C. Difficile Colitis.”
5. Annual Day Kindred Hospital (2012), Key note speaker, “Infection Control and Antibiotic Stewardship at Long term care facilities”. This was held at Kindred Hospital, Detroit, MI.
6. Seminar on Influenza Vaccination amongst Employees at Kindred Hospital, August 2011.
7. Seminar on Antibiotic Stewardship at Long Term Acute Care Facilities at Kindred Hospital, September 2011. This was held at Kindred Hospital, Detroit, MI.
8. Invited lecture on "Antibiotic Associated Diarrhea: Therapeutic Challenges and Perspectives" to the Filipino physicians on Saturday, May 20, 2014 at the MSU Management and Education Center in Troy. This CME symposium was an undertaking of the University of the Philippines Medical Alumni Society in Michigan (UPMASA), Michigan Chapter. The proceeds of the symposium were used to support the tuition of a needy first year medical student at the University of the Philippines College of Medicine.
9. Keynote Speaker at Kindred Annual Day on June 10, 2015 .Topic “The importance of Antibiograms-How to read them?”. This was held at Kindred Hospital, Detroit, MI.
10. Invited Speaker at Annual Infectious Diseases Seminar, September 2015; Topic” Clostridium *difficile* and Fecal Transplantation”. This was held at Greek Town Casino, Detroit, MI.