Section of Infectious Diseases

Annual Report of the Section of Infectious Diseases, Department of Medicine, Baylor College of Medicine 2018-2019

Introduction

The Section of Infectious Diseases in the Department of Medicine provides outstanding state-ofthe-art clinical care and creates and applies knowledge through research, scientific discovery, and medical education and training locally and globally; all done with innovation and compassion to advance health and wellness. Dr. Thomas Giordano is the Chief of the Section. Ms. Regina Davis is the Section Administrator. The Section is the primary academic unit serving the clinical adult infectious diseases research community within Baylor College of Medicine. As such, the Section is a critical force in achieving both the strategic and mission objectives of the College.

The Section's faculty serve vital administrative and service roles in the College, including serving on the Curriculum Committee, the Faculty Senate, Institutional Review Boards, the Biosafety Committee, the Environmental Safety Committee, the Medical Education Committee, the Dean's Residency Manpower Committee, the College's Rising Star and Master Clinician Awards Steering Committee, the Institutional Dual Use of Research Concern Committee, the Faculty Development Forum, and as Faculty Inclusion Ambassadors.

Thank you to the faculty, administrators and staff for another outstanding year for the Section of Infectious Diseases.

Sincerely,

Thomas P. Giordano, MD, MPH

Highlights

The Section had a very successful year. Major accomplishments for the 2018-2019 academic year include welcoming Drs. Kulkarni and Trevino as new faculty members and adding five new co-primary faculty members into the Section. We also recruited three faculty for the next academic year. Despite being short of faculty in all clinical pavilions, the Section maintained excellent clinical productivity. Our research funding success continues: Dr. Bich Dang received her first independent research funding; Dr. Elizabeth Chiao continued her R01 funding with a new award; and Dr. Thomas Giordano is co-PI for a VA merit submission that is in "just in time" status. Highlights in education include Dr. Stacey Rose becoming a leader in undergraduate medical education, as Assistant Dean of Clinical Curriculum for the School of Medicine. The Section exceeded its contribution targets to the College.

Faculty

Primary

Ume Abbas, MD, MS Maya Al Mohajer, MD, MBA Monisha Arya, MD, MPH Robert Atmar, MD Major Bradshaw, MD, MS Katherine Breaux, MD, MS Galant Chan, MD Elizabeth Chiao, MD, MPH Andrew Chou, MD Bich Dang, MD Thomas Giordano, MD, MPH Richard Hamill, MD Penny Jaffe, MD Prathit Kulkarni, MD Oyebunmi Kutemi, MS Daniel Mendoza, MD Cezarina Mindru, MD Daniel Musher, MD George Parkerson, MD, MPH Shital Patel, MD, MSc Maria Rodriguez-Barradas, MD Stacey Rose, MD Jose Serpa-Alvarez, MD, MS Shahriar Tavakoli-Tabasi, MD Laila Woc-Colburn, MD Edward Young, MD, MS

Co-Primary

Hana El Sahly, MD Mary Estes, PhD Wendy Keitel, MD Andrew Rice, PhD Jennifer Whitaker, MD

Secondary

Rabih Darouiche, MD Andrew DiNardo, MD, MS Rojelio Mejia, MD Kenneth Muldrew, MD, MPH Sergio Trevino, MD Jill Weatherhead, MD, MS

Major Clinical Programs

The Section's Faculty provides most of the adult infectious diseases clinical care in Baylor College of Medicine's affiliated hospitals and outpatient practices. At Harris Health System, Dr. Robert Atmar is Chief of the Infectious Diseases Service at Ben Taub Hospital (BTH) and the Smith Clinic: Dr. Giordano is Medical Director at Thomas Street Health Center (TSHC: Harris Health System's HIV clinic). Baylor faculty provide all the infectious diseases care at BTH and Smith Clinic and about half the HIV primary care at TSHC (McGovern School of Medicine faculty also staff TSHC). Dr. Laila Woc-Colburn is Medical Director of Infectious Diseases for the Baylor Faculty Group Practice, which provides adult infectious diseases care at Baylor St. Luke's Medical Center (BSLMC) and the McNair Clinic as well as at the Pavilion for Women and Texas Children's Hospital. The Section provides critical Infectious Diseases clinical expertise to many of the Transplant Service at BSLMC and McNair clinic. Dr. Maria Rodriguez-Barradas is Chief of the Infectious Diseases Service at the Michael E. DeBakev VA Medical Center (MEDVAMC) and the faculty there provide all inpatient consultative services as well as outpatient HIV primary care and general infectious diseases consultative care. The Section provides Infection Prevention and Antibiotic Stewardship services at BTH, BSLMC, and MEDVAMC. Decreasing hospital-acquired infections and reducing unnecessary antibiotic use are essential for patient safety, hospital costs, and hospital rankings.

Teaching Activities

The Section provides outstanding medical education leadership and teaching at the College, including the School of Medicine, the School of Allied Health Sciences, the Graduate School of Biomedical Sciences, and the National School of Tropical Medicine. The Section's faculty lead and provide the majority of lectures for the School of Medicine's core course on Infectious Diseases, the National School of Tropical Medicine's Diploma in Tropical Medicine course, and the School of Health Professions lectures and case studies on infectious diseases. At the School of Medicine the faculty host elective clinical rotations and provide leadership in research electives, wellness and specialty electives, the International Medicine Program, and the Global Health Track. These electives are available for medical students and for residents in internal medicine. The Section has a fellowship program for training in adult infectious diseases. Dr. Jose Serpa is Program Director for the Infectious Diseases fellowship training program and Dr. Prathit Kulkarni is Associate Program Director. The training program has two tracks: a traditional infectious diseases track and, in collaboration with M.D. Anderson Cancer Center, an immunocompromised track. Trainees can arrange training for dual certification in adult and pediatric infectious diseases. Five new fellows are accepted per year, and fellows stay in training for between two and four years, depending on their career goals. Baylor faculty also lead and organize the Citywide Infectious Diseases Conference, a multi-disciplinary case-based education seminar held weekly and open to all. The presenters include the Infectious Diseases services from all BCM pavilions, including adult and pediatric; McGovern School of Medicine; M.D. Anderson Cancer Center; Methodist Hospital; and infectious diseases pharmacists from the Ben Taub and VA hospitals. All of the faculty supervise and teach BCM trainees at all levels

while on the inpatient infectious diseases services and many teach trainees in outpatient settings.

Mayar Al Mohajer, MD, MBA

- Courses Taught at BCM:
 - o Director, Infection prevention and antibiotic stewardship fellow rotation
 - o Director, Infection prevention and antibiotic stewardship fellow one-year track
 - o Director, Infectious Diseases Fellow Quality Academy course

Monisha Arya, MD, MPH

- Courses Taught at BCM:
 - Translational Research and Population Health course preceptor (BCM School of Medicine first year course)
 - o Faculty Advisor for Yellow Quad (BCM School of Medicine student advisor)
- Curriculum development work:
 - Created a 27-page module describing study designs used in population health research. Target audience: BCM 1st year medical students.
 - Created a 14-week syllabus for a principles of health campaigns development course for undergraduate, public health, and medical students
- Lectures:
 - HIV and HCV Testing Continuing Education Lecture Series. Travel to primary care clinics in the Harris Health System, Houston, TX to lecture primary care physicians and staff on the latest HIV and HCV testing guidelines and practices. Summer 2016, Spring 2018, Summer 2019.

Robert Atmar, MD

- Courses Taught at BCM:
 - Structural Basis of Human Disease, "Influenza " with Monte Pettitt of the University of Houston (1 hour), Department of Biochemistry, 1999, 2000, 2006-present
 - Pathophysiology, Physician Assistant and Perfusion Technology Program, BCM, 1 hour 1991 & 1992; 2 hours 1993-99, 1 hour 2000-present
- Courses Taught at Other Institutions While at BCM
 - Intensive Course in Tropical and Travel Medicine, University of Texas Medical Branch (UTMB), 1-2 hours each spring semester, 2006 – present
- Curriculum Development Work and Education Committees
 - o Infectious Diseases Module, BCM School of Medicine: Assistant Director, 2000 present
 - o Infectious Diseases Fellowship Program, BCM. Selection committee.
 - o Infectious Diseases Fellowship Program, BCM Clinical Competency Committee
- Co-Director, Training Program in Infection and Immunity (T32)

Mary Estes, PhD

- Co-Director, Training Program in Infection and Immunity (T32)
- Faculty Member of T32 Training Programs
 - Molecular Medicine PhD graduate training program at BCM (Van den Veyver)
 - IMBS graduate training program at BCM (Nelson)

Thomas Giordano, MD, MPH

- Courses Taught at BCM:
 - "Human Immunodeficiency Virus: Epidemiology, Pathophysiology, Natural History, and Treatment" lecture for the Baylor College of Medicine Physician Assistant Core lecture series, June 5, 2019.
 - "HIV Case Studies" lecture and case discussion for the Baylor College of Medicine Physician Assistant Core lecture series, June 7, 2019.
- Curriculum Development Work and Education Committees:
 - o Infectious Diseases Fellowship Program, BCM. Selection committee.
 - o Infectious Diseases Fellowship Program, BCM Clinical Competency Committee

- Lectures:
 - Invited Lecturer, "Updates in HIV Prevention, Diagnosis, and Care," at the Ben Taub General Hospital – Internal Medicine Series, Baylor College of Medicine, March 20, 2019.
 - Speaker, "HIV Case Presentation: Treatment in an Experienced Patient" Citywide Infectious Diseases Conference, Baylor College of Medicine, April 17, 2019.

Richard Hamill, MD

 Vice Chair for Education and Director, Residency Programs in Internal Medicine, Department of Medicine, BCM

Prathit Kulkarni, MD

- Courses taught at BCM:
 - Associate Director, Infectious Diseases Fellowship Training Program
- Curriculum Development Work and Education Committees:
 - o Infectious Diseases Fellowship Program, BCM. Selection committee.
 - o Infectious Diseases Fellowship Program, BCM Clinical Competency Committee

Kenneth Muldrew, MD, MPH

- Courses Taught at BCM:
 - Medical Microbiology Fellowship Training Milestones Working Group for the review and revision of the current Milestones (a.k.a. Milestones 2.0), Accreditation Council for Graduate Medical Education (national organization), 2018-2019.
 - Director, Ben Taub Hospital Microbiology Laboratory Rotation, Internal Medicine Infectious Diseases Fellows, 2016-present
 - Director, Ben Taub Hospital Microbiology Laboratory Rotation, Pathology Resident Microbiology Laboratory Rotation, 2016-present
 - Director, Ben Taub Hospital Microbiology Laboratory Rotation, Clinical Microbiology Fellow, 2016present
- Lectures:
 - Congenital ZIKA Virus Syndrome and the Diagnostic Utility of Placental Testing, University of Utah-ARUP Laboratories, Salt Lake City, UT, 2019

George Parkerson, MD, MPH

- Courses taught at BCM
 - o Overview of Global Health, Course Director; 1 hour didactic annually.
 - Readings in Global Health, Course Director; 3 hours didactic annually.
 - Diploma in Tropical Medicine, National School of Tropical Medicine, 5 hours biannually.
 - Intensive Course in Travel and Tropical Medicine, Course Director; 16 hours didactic annually (integrated into the Diploma in Tropical Medicine (DTM) course in 2012.)
 - Introduction to Parasitology, Infectious Disease module for 1st year medical students, 2-6 hours didactic annually.
 - Infectious Diseases Fellowship, Department of Medicine, Core Curriculum, 1-2 hours didactic annually.
 - BIPAI Training for new physicians, Department of Pediatrics, 2 hours annually (integrated into DTM course in 2012.)
- Director, Houston Shoulder to Shoulder program in rural Honduras.

Maria Rodriguez-Barradas, MD

- Courses taught at BCM:
 - Infectious Diseases module: Complete lecture series on "HIV-1 infection" which include "HIV and other retroviruses", "Treatment of HIV"; "HIV and Opportunistic Infections", "Case conference on HIV and related infections" (Total: 6 hours/year). 2004-Present.
 - o ID topic lecture to Internal Medicine residents (January Infectious Diseases lecture series). 2005-

Present.

- Lecture series to ID fellows: 1-3 hours/year (ID section Conference Room, Alkek Bldg., BCM).
 2005-Present.
- HIV didactic ¹/₂ day course to new ID fellows and other providers (TSC or VA, once/year). 2005-Present.
- o Antimicrobial Stewardship lecture for residents (one hour/month). 2016-Present
- Curriculum Development Work and Education Committees:
 - o Infection Control/Antimicrobial Stewardship curriculum 2017-present
 - o Infectious Diseases Fellowship Program, BCM. Selection committee. July 2013-Present.
 - o Infectious Diseases Fellowship Program, BCM Clinical Competency Committee. July 2014-Present.

Jose Serpa-Alvarez, MD, MS

- Courses taught at BCM:
 - o Director, Infectious Diseases Fellowship Training Program
 - o Director, Citywide Infectious Diseases Conference
 - Director, Infectious Diseases Journal Club
- Curriculum Development Work and Education Committees:
 - Infectious Diseases Fellowship Program, BCM. Selection committee.
 - o Infectious Diseases Fellowship Program, BCM Clinical Competency Committee
- Lectures:
 - Invited speaker: South Central AIDS Education and Training Center (SCAETC). Sexually Transmitted Diseases in HIV (June 2019). Conference given at UTMB at Galveston
 - Major Parasitic Pathogens and Diseases. Infectious Diseases and Microbiology Course for Physician Assistants (every year in July since 2010)
 - o Neurocysticercosis. Diploma in Tropical Medicine (every year since 2012).
 - HIV resistance. Core Curriculum Series for ID fellows (every 2 years, most recent in June 2019)
 - The Effie and Wofford Cain Foundation International Experiences. Internal Medicine Grand Rounds at BCM (yearly since 2011)

Shahriar Tavakoli-Tabasi, MD

- Courses taught at BCM:
 - Hepatitis C infection. MEDVAMC HIV continuity clinics. July-August. 2012-Present.
 - Introduction to antibiotic use. VA Core Medical Student Lecture Series. MEDVAMC. 7/5/2016 to present.
 - HIV Infection: Diagnosis and Management. VA Core Medical Student Lecture Series. MEDVAMC. 1/2017 to present.
 - Hepatitis C/B clinic fellow training. Elective rotation for ID fellows. MEDVAMC viral hepatitis clinic. 2013-Present
 - Medical Education Clinical PPS3 Course 2002-present
 - Lectures:
 - MEDVAMC grand rounds: Nontuberculous mycobacterial diseases. 6/22/2018

Laila Woc-Colburn, MD

- Courses Taught at BCM
 - Block 5 and 6: Infectious Diseases lectures for MS-I: (2010 to present); Hours-6
 - Patient Physician Society (PPS)-3 for MS II: (Aug 2010 to present); Hours-6 hrs/weekly
 - Infectious Disease Fellowship: Key Faculty Core Curriculum (2010 to present)
 - \circ $\,$ Director of Medical Education for the National School of Tropical Medicine
 - Diploma in Tropical Medicine
 - Diploma in Tropical Surgery/Obstetrics
 - Summer Institute Tropical Medicine
- Curriculum Development Work and Education Committees:
 - o Infectious Diseases Fellowship Program, BCM. Selection committee.

- o Infectious Diseases Fellowship Program, BCM Clinical Competency Committee
- For the National School of Tropical Medicine:
 - Diploma in Tropical Medicine
 - Diploma in Tropical Surgery/Obstetrics
 - Summer Institute Tropical Medicine
 - For the infectious diseases core curriculum and resident clinical teaching in the Internal Medicine Residency

Research Activities

The Section is research focused, with support from NIH, CDC, HRSA, industry, and other sources and over 250 non-duplicated publications since January 2015. Funded grants during the 2018-2019 academic year are listed below.

Elizabeth Chiao, MD, MPH

Grant Title: Texas Neuroaids Research Center **Funding Agency**: National Institutes of Health (NIH) **Investigator Relationship**: Site Principal Investigator

Grant Title: The Effectiveness of Screening HIV-infected Women for Anal Cancer Precursors Funding Agency: National Cancer Institute (NCI) Investigator Relationship: Principal Investigator

Grant Title: Identifying Novel Pharmacological Risk Factors for Common Non-AIDS Defining Cancers in Individuals with Well-Controlled HIV Infection **Funding Agency**: National Cancer Institute (NCI) **Investigator Relationship**: Principal Investigator

Grant Title: Annual Anal Sampling Using DNA Screening to Identify Men Who Have Sex with Men at Increased Risk for Anal Cancer **Funding Agency**: National Institutes of Health (NIH) **Investigator Relationship**: Principal Investigator

Grant Title: Determining the Accuracy of Self and Partner Anal Exams for Detecting Anal Abnormalities **Funding Agency**: National Institutes of Health (NIH) **Investigator Relationship**: Site Principal Investigator

Grant Title: Optimizing Age-Based Anal Cancer Screening Among People Living with HIV Using Decision Analytic Modeling **Funding Agency**: National Institutes of Health (NIH) **Investigator Relationship**: Principal Investigator

Grant Title: The Effectiveness of High Resolution Microendoscopy (HRME) in High Grade Intraepithelial Lesions (HISIL) Diagnosis for People Living with HIV **Funding Agency**: National Institutes of Health (NIH) **Investigator Relationship**: Principal Investigator

Grant Title: Clinical Site Agreement to Conduct AIDS Malignancy Consortium (AMC) Clinical Trials Funding Agency: National Cancer Institute (NCI) Investigator Relationship: Site Principal Investigator

Bich Dang, MD

Grant Title: Patient Satisfaction, Retention in HIV Care, and Adherence to Art **Funding Agency**: National Institutes of Mental Health (NIMH) **Investigator Relationship**: Principal Investigator

Grant Title: Refinement and Pilot Testing of a Highly Innovative Provider Coaching and Feedback Intervention to Improve the Patient HIV Care Experience **Funding Agency**: National Institutes of Health (NIH) **Investigator Relationship**: Principal Investigator

Thomas Giordano

Grant Title: Brief Personalized Feedback Intervention for Hazardous Drinking in an HIV Clinic

Funding Agency: National Institutes of Health (NIH) **Investigator Relationship**: Site Principal Investigator

Grant Title: Next-Gen Oral Test for Monitoring HIV/AIDS in Point-of-Care **Funding Agency**: National Institutes of Health (NIH) **Investigator Relationship**: Site Principal Investigator

Grant Title: Effectiveness of an Integrated Treatment to Address Smoking Cessation and Anxiety/Depression in People Living with HIV **Funding Agency**: National Institutes of Health (NIH) **Investigator Relationship**: Site Principal Investigator

Rojelio Mejia, MD

Grant Title: Controlled Infection Trial to Test Efficacy of Hookworm Vaccine with Different TLR Agonists. Using qPCR to identify those infected with hookworm pre and post vaccination. **Funding Agency**: NIH NIAD **Investigator Relationship**: Co-Investigator

Grant Title: Engineering Research Center on Biological and Chemical Hazards of Flooding and Hurricanes. **Funding Agency**: Thrasher Research Fund **Investigator Relationship**: Co-Investigator and Mentor **Grant Title:** Impact of nitazoxanide on Cryptosporidium burden in HIV-infected patients. **Funding Agency**: Romark Laboratories, LC **Investigator Relationship**: Principal Investigator

Grant Title: Engineering Research Center for Hurricane Urban Planning Hazards Research (HUPHR). **Funding Agency**: National Science Foundation (NSF) **Investigator Relationship**: Co-Investigator

Grant Title: Health Outcomes Evaluation of Children with Gastrointestinal Parasitic and Chagas Disease Co-Infection" & "Clinical Characterization of Acute Chagas Disease.

Funding Agency: Thrasher Research Fund **Investigator Relationship**: Co-Investigator and Mentor

Grant Title: Prevalence and post-treatment efficacy for strongyloidiasis in solid organ transplant patients.

Funding Agency: Roderick Duncan MacDonald Research Fund **Investigator Relationship**: Principal Investigator

Shital Patel, MD, MSc

Grant Title: South Central AIDS Education and Training Center Region 6 – SCAETC Program

Funding Agency: Health Resources and Services Administration (HRSA) **Investigator Relationship**: Principal Investigator

Grant Title: Flu Pandemic 2 Haiven Pilot Study Funding Agency: Center for Disease Control (CDC) Investigator Relationship: Principal Investigator

Maria Rodriguez-Barradas, MD

Grant Title: Alcohol and Multisubstance Use in the Veterans Aging Cohort Study: 2/6 COMPAAAS U01: Observation Study **Funding Agency**: National Institute on Alcohol Abuse and Alcoholism (NIAAA) **Investigator Relationship**: Site Principal Investigator

Grant Title: Active Surveillance to Quantify the Burden of Viral Gastroenteritis in U.S.
Veterans Affairs (VA) Patient Population
Funding Agency: Centers for Disease Control (CDC)
Investigator Relationship: Site Principal Investigator

Grant Title: Randomized Trial to Prevent Vascular Events in HIV – Reprieve (A5332) **Funding Agency**: KOWA Pharmaceuticals America, INC. **Investigator Relationship**: Site Principal Investigator Jose Serpa-Alvarez, MD, MS

Grant Title: 2018 IDSA Annual Meeting – ID Fellowship Travel Grant **Funding Agency**: JANSSEN Scientific Affairs, LLC **Investigator Relationship**: Principal Investigator

Shahriar Tavakoli-Tabasi, MD

Grant Title: Development of a Shared Decision Making Aid for Hepatitis C Treatment **Funding Agency**: Health Services Research & Development **Investigator Relationship**: Co-Investigator

Honors and Awards

Robert Atmar, MD

Best Doctors in America, 2001-02, 2003-04, 2005-06, 2007-08, 2009-2010, 2011-2012, 2013-2014, 2015-2016, 2017-2018, 2019-2020

Mayar Al Mohajer, MD, MBA

• Faculty of the year award from the graduating fellows, Section of Infectious Diseases

Thomas Giordano, MD, MPH

• M.D. Anderson Foundation Chair, Baylor College of Medicine, May 2019 to present.

Katherine Breaux, MD, MS

• Selected by American Academy of Physician Assistants as an occupation expert for the United States Department of Labor's National Occupational Information Network(O*NET) Data Collection Program

Mary Estes, PhD

- Elected Member, Board of Governors, American Academy of Microbiology (2019-2021)
- Invited Member, Advisory Committee, T32 in Infectious Diseases. Mayo Clinic (2019 -present)
- Invited Member, External Advisory Committee, Mayo Clinic Digestives Center (2019-present)
- Advisor on Research Grants, National Crohns and Colitis Foundation, (2019 present)
- 2020 American Society for Microbiology Lifetime Achievement Award
- Named Lecture (the Mary Estes Keynote Lectore) established at the 2019 International Symporium on Caliciviruses held in Sydney, Australia

Rojelio Mejia, MD

- July 2018 Baylor College of Medicine Center of Excellence in Health Equity, Training and Research Junior Faculty Award
- June 2019 Visiting Professor of Tropical Diseases, Universidad Internacional De Ecuador, Quito, Ecuador

Kenneth Muldew, MD

- 2019: Ben Taub Hospital Physician Champion ServiceFIRST Hero, 2nd Quarter, 2019, Harris Health System, Houston, Texas.
- 2018: Outstanding Clinical Faculty Award, School of Health Professions, University of Texas MD Anderson Cancer Center, Houston, TX.
- Certified Next Generation Sequencing (NGS) Inspector, College of American Pathologists (CAP), 2015present
- Certified Molecular Diagnostics Inspector, College of American Pathologists (CAP), 2015-present

Shital Patel, MD

 Senior Fellow, a graduate of the American Leadership Forum's Class XLVI-Healthcare (www.alfhouston.org) May 2019

Stacey Rubin Rose, MD

- Texas Super Doctors Rising Stars 2018 (July 2018) (peer selection process, recognizing top 2.5% of physicians in the area)
- *Houstonia* Top Doctors 2018 (August 2018)
- Sunshine Grant Awardee (October 2018) for wellness activity: "From Complaints to Commitments"
- "That's the Way" award (May 2019) in recognition of dedication and exceptional service to patients in the Baylor College of Medicine Faculty Group Practice

Jose Serpa-Alvarez, MD, MS

- Norton Rose Fulbright Faculty Excellent Award in Development of Enduring Educational Materials (November 2018)
- Elected as Fellow of the Infectious Diseases Society of America (FIDSA)
- Accepted in the Master Teacher Fellowship Program (MTFP) Baylor College of Medicine

Laila Woc-Colburn, MD

- Infectious Diseases Fellows Faculty of the Year 2018-19
- Houstonian Top Doctors 2019, 2018, 2017, 2016, 2015, 2014, 2013
- Infectious Diseases Society of America Leadership Institute Inaugural class 2019
- AAIM Executive Leadership Course-2018

Press

Monisha Arya, MD, MPH

- Featured in the BCM Newslink publication about mentoring BCM and Rice University undergraduate students. "Arya mentors successful student research team." April 27, 2018.
- Featured in the BCM Family News publication about effective mentoring. "Mentorship important for effective learning." August 1, 2019

Thomas Giordano, MD

 Interviewed by Heather Boerner for Medscape HIV/AIDS story, "Monthly shots for HIV within reach," published March 19, 2019, available at: <u>https://www.medscape.com/viewarticle/910616?nlid=128940_721&src=WNL_mdplsfeat_190326_mscpedit_aids&uac=22376SY&spon=1&impID=1918658&faf=1#vp_3</u>

Jennifer Whitaker, MD

• Vaccinations. Poland GA, Whitaker JA, editors. St. Louis, Missouri: Elsevier; 2019.