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## Area of Expertise

Dr. Howell's research is primarily clinical research in the realm of infectious diseases. Since infectious diseases is a ubiquitous topic, Dr. Howell uses a variety of methods and collaborations with other professions in order to research hypotheses. While her practice interests do include multi-drug resistance, immunocompromised patients, and public health, she is open to collaborate on any infectious diseases-related projects.

## Qualifications

PharmD, University of Texas at Austin

## Recent Publications

### **The alteration of the gut microbiome by immunosuppressive agents used in solid organ transplantation**

Gibson, C. M., Childs-Kean, L. M., Naziruddin, Z. & Howell, C. K., 2020, (Accepted/In press) In : *Transplant Infectious Disease*.

### **Remote Antimicrobial Stewardship: A Solution for Meeting The Joint Commission Stewardship Standard?**

Howell, C. K., Jacob, J. & Mok, S., 1 Feb 2019, In : *Hospital Pharmacy*. 54, 1, p. 51-56 6 p.

### **Drugs in tuberculosis and leprosy**

Ramanathan, M. R., Howell, C. K. & Sanders, J. M., 2019, *Side Effects of Drugs Annual*. Ray, S. D. (ed.). Elsevier B.V., p. 321-338 18 p. (Side Effects of Drugs Annual; vol. 41).

### **Drugs in Tuberculosis and Leprosy**

Ramanathan, M. R., Howell, C. K. & Sanders, J. M., 1 Jan 2018, *Side Effects of Drugs Annual*. Ray, S. D. (ed.). Elsevier B.V., p. 363-376 14 p. (Side Effects of Drugs Annual; vol. 40).

### **Effect of positive perioperative donor and recipient respiratory bacterial cultures on early post-transplant outcomes in lung transplant recipients**

Howell, C. K., Paciullo, C. A., Lyon, G. M., Neujahr, D., Lyu, P., Cotsonis, G. & Hurtik, M., Dec 2017, In : *Transplant Infectious Disease*. 19, 6, e12760.

### **Know your medicine: A novel student-led community service learning program**

Howell, C. K., Reveles, K. R., Knodel, L. C., Pattyn, N. R. & Frei, C. R., May 2017, In : *Currents in Pharmacy Teaching and Learning*. 9, 3, p. 353-359 7 p.

### **Epidemiology of methicillin-resistant Staphylococcus aureus diabetic foot infections in a large academic hospital: Implications for antimicrobial stewardship**

Reveles, K. R., Duhon, B. M., Moore, R. J., Hand, E. O. & Howell, C. K., Aug 2016, In : *PLoS ONE*. 11, 8, e0161658.

### **Retrospective cohort study evaluating the incidence of diabetic foot infections among hospitalized adults with diabetes in the United States from 1996-2010**

Duhon, B. M., Hand, E. O., Howell, C. K. & Reveles, K. R., 1 Feb 2016, In : *American Journal of Infection Control*. 44, 2, p. 199-202 4 p.

## Sponsored Projects

**IDSA Medical Student Interest Group Stipend**

Howell, C.

Infectious Diseases Society of America

9/02/18 → 31/05/18

**Tuberculosis Trials Consortium**

Miller, T. & Howell, C.

Centers for Disease Control

18/09/18 → 17/09/19