



EDUCATION
SPOTLIGHT...



Linda Dresser, Pharm.D, FCSHP
CSHP Foundation Education Grant Recipient

“Developing and Evaluating an Educational Intervention to Guide in the Implementation of Antimicrobial Stewardship Programs in Community Hospitals Across Ontario”

Linda Dresser and co-applicants Miranda So, Sandra Nelson, Kevin Duplisea, Marilyn Steinberg, Chaim Bell and Andrew Morris received a CSHP Foundation Education Grant of \$10,125 in 2012.

Q: What was your education project about? How did the concept/idea come about?

A: Antimicrobial stewardship was becoming a Required Organizational Practice with Accreditation Canada (AcC) for all acute care institutions. We thought that our prior experience working with AcC and academic hospitals would be useful to community hospitals developing and implementing antimicrobial stewardship programs.

Q: What was the purpose of your education project?

A: The objective of this project was to develop and evaluate an educational intervention to give pharmacists in acute care community hospitals the knowledge and skills required to implement an Antimicrobial Stewardship Program in their institutions. Our primary hypothesis was that an educational intervention would improve pharmacists' knowledge of evidence-based antimicrobial stewardship practices, associated with an increase in confidence to implement antimicrobial stewardship in their institutions. The educational intervention is generalizable to all institutions and all areas of each institution

Q: What impact did your education project have on your organization, department and/or on pharmacist practice in general, and how will the project benefit other pharmacists and/or healthcare systems?

A: Based on post-intervention survey results, the participants found the educational intervention useful in increasing their knowledge of infectious diseases and antimicrobial stewardship principles and would help them in preparing for their next AcC visit. Also, the project allowed participants, from widely separated geographic locations, but with like needs, to connect and network while addressing similar challenges.

Q: How will your education project impact patient care?

A: Antimicrobial stewardship is about optimizing the use of antimicrobials to improve patient outcomes. Antimicrobial stewardship focuses on the management of common infection syndromes that clinicians in all practice settings face. Providing pharmacists with the knowledge and skills to better manage these infections, communicate with peers, and measure their impact will lead to improved patient care.

Q: Why is the CSHP Foundation important to pharmacist education?

A: The CSHP Foundation Education grants support the execution of projects that would not be funded by traditional research grants. The support of a national organization grant allows researchers and educators greater opportunity to share and learn from peers across the country.

Publications and Presentations: www.antimicrobialstewardship.com

The role of the hospital pharmacist is changing; research and education will support the change.

CSHP Foundation grant and scholarship recipients are changing the face of pharmacy practice.

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