Jill S. Bates, Pharm.D., M.S., BCOP

Business: 101 Manning Drive, CB 7600, Chapel Hill, NC 27514
Personal: 1004 Rushden Way, Apex, NC 27502
Office (984) 974-8241 ~ Pager (919) 216-9497
Mobile (919) 306-7697
Jill.Bates@unchealth.unc.edu

EDUCATION AND TRAINING

ASHP Accredited Hematology/Oncology Specialty Residency, 2007-2008
Duke University Medical Center
Durham, North Carolina

ASHP Accredited Pharmacy Practice Residency, 2006-2007
Duke University Medical Center
Durham, North Carolina

Doctor of Pharmacy
University of Illinois, Chicago, Illinois
Degree conferred, *Cum Laude*, May 2006

Master of Science, Biochemistry and Biophysics
Northern Illinois University, DeKalb, Illinois
Degree conferred December 2002

Bachelor of Science
Eastern Illinois University, Charleston, Illinois
Degree conferred May 1998

CURRENT PROFESSIONAL APPOINTMENTS

Clinical Pharmacy Specialist in Malignant Hematology, Acute Care 7/2013- present
University of North Carolina Medical Center, Chapel Hill, North Carolina

PGY2- Oncology Residency Coordinator 7/2015- present
University of North Carolina Medical Center, Chapel Hill, North Carolina

Assistant Professor of Clinical Education 7/2008- present
UNC Eshelman School of Pharmacy, Chapel Hill, North Carolina

PROFESSIONAL EXPERIENCE

Clinical Pharmacy Specialist in Hematology/Oncology, Acute Care 2008-2013
University of North Carolina Hospitals, Chapel Hill, North Carolina

Clinical Pharmacist 2006-2008
Duke University Hospital, Durham, North Carolina

Pharmacist 2006-2007
Walgreens Pharmacy, Raleigh-East, North Carolina

Administrative Outpatient Pharmacy Technician 2003-2006
Ambulatory Care Pharmacy, University of Illinois at Chicago, Illinois

Certified Community Pharmacy Technician 2002-2006
Walgreens Pharmacy, Chicago, Illinois

Graduate Assistant, Office of Sponsored Projects 2000-2001
Northern Illinois University, DeKalb, Illinois

High School Science Teacher 1998-2000
Liberty Academy, Dallas, Texas
Taught Physics, Chemistry, Biology I and II.

Carrollton Academy (CCA), Carrollton, Texas
Taught Physical Science and Biology.

Science Lab Coordinator
Liberty Academy, Dallas, Texas
Developed, organized and supervised the student science lab, generated a budget for laboratory supplies as well as ordered equipment, and implemented laboratory safety program for students.

SELECTED TEACHING EXPERIENCE

Attending Pharmacist, Malignant Hematology. Created educational content for and webmaster of layered learning experiential website
https://sites.google.com/site/hematologyoncologyrotationunch/

Advanced Pharmacy Practice Experience, PHCY 472-484 2008-present
Hematology/Oncology Preceptor, Acute care

Post-graduate year 2 (PGY2) Oncology Pharmacy Residency 2008-present
Malignant Hematology Preceptor, Acute care

Post-graduate year 1 (PGY1) Pharmacy Residency 2008-present
Malignant Hematology Preceptor, Acute care

Post-graduate year 2 (PGY2) Critical Care Pharmacy Residency 2008-2011
Hematology Preceptor, Acute care

Lecturer, Hematology-Oncology/Gyn-Oncology Fellow Board Review Course, 2010-present

School of Medicine, Chapel Hill, North Carolina

Lecturer, Advanced Practice Practitioners, Oncology and Chemotherapy Training, North Carolina Cancer Hospital, Chapel Hill, North Carolina	2013-2014
Lecturer, Oncology therapeutics course, PHCY 447 UNC Eshelman School of Pharmacy, Chapel Hill, North Carolina	2008-present
Lecturer, Oncology elective course, DPET 812 UNC Eshelman School of Pharmacy, Chapel Hill, North Carolina	2008-present
Lecturer, Educating patients on chemotherapy, Nursing Program, UNC Hospitals, Chapel Hill, North Carolina	Apr-13
Lecturer, Equianalgesic dosing of opioid, Adult Pain Resource Nursing Program, UNC Hospitals, Chapel Hill, North Carolina	May-10
"Oncologic emergencies." Oncology course lecture, Wingate College of Pharmacy, Wingate, North Carolina.	Oct-07
"Pharmacotherapy of endocrine, bone and skeletal muscle disorders." Clinical Pharmacology and Nutrition, PT501 Lecture, Duke University Medical Center Doctor of Physical Therapy Program	Sep-06

SUPERVISORY TEACHING ACTIVITIES, MENTORING

Meredith D. Keisler, PharmD, CPP
Clinical Pharmacy Specialist, Supportive Care Oncology
UNC Medical Center, Chapel Hill NC

Halena Leah Sautman, PharmD, BCPS
PGY2 Health-system Pharmacy Administration Resident
UNC Medical Center, Chapel Hill NC

Ashley Hillman, PharmD
Clinical Specialist, Psychiatry
Medical University South Carolina, Charleston SC

Bethany Kalich, PharmD, BCPS
Assistant Professor, Department of Pharmacy Practice
University of the Incarnate Word Feik School of Pharmacy

Ashley Rosenquist, PharmD, BCPS
Medical Intensive Care Unit Clinical Pharmacist
Harborview Medical Center

Maurice Alexander, PharmD, BCOP
Clinical Pharmacy Specialist in Adult Stem Cell Transplantation

UNC Hospitals, Chapel Hill NC

Jennifer Thackray, PharmD
Pediatric Hematology/Oncology Clinical Pharmacist
Memorial Sloan Kettering, New York, New York

Said "Moo" Sultan, PharmD, BCPS
Clinical Pharmacy Specialist in Critical Care
UNC Hospitals, Chapel Hill NC

PUBLICATIONS

*Denotes peer-review

*Schafer JJ, **Bates J**, Eiland LS. Credentialing and privileging- an ASHP member-based survey. Am J Health-syst Pharm. 2015. In development.

*Alrabiah Z, Luter N, Procter A, **Bates J**. Unrealized opportunities: A call for evaluation of alternatives used during drug shortages. Am J Health-syst Pharm. 2015: *In press*.

Bates J, Buie L, Amerine LB, Savage SW, Eckel SF, Patel R, Valgus JM, Rao K, Daniels R. The layered learning practice model in oncology: A pilot experience in achieving new levels of care through expanded use of learners. 2015. In development.

***Bates J**, Buie L, Lyons K, Rao K, Pinelli N, McLaughlin J, McClurg M. A pilot study of layered learning in oncology. Am J Pharm Ed. 2015. In development.

Wind L, **Bates J**, Chen S. Venous thromboembolism and cancer: Multiple treatment agents. *Pharmacy Times*. 2015: http://www.pharmacytimes.com/publications/health-system-edition/2015/january2015/venous-thromboembolism-and-cancer-multiple-treatment-agents/P-1 [accessed 1/23/15].

*Shippee B, **Bates J**, Richards K. The role of screening and monitoring for bleomycin pulmonary toxicity. *J Oncol Pharm Practice*. 2015: DOI: 10.1177/1078155215574294.

*Cicci J, Buie L, **Bates J**, van Deventer H. Denosumab for the management of hypercalcemia of malignancy in patients with multiple myeloma and renal dysfunction. *Clinical Lymphoma, Myeloma and Leukemia*. 2014;14:e207-11.doi:10.1016/j.clml.2014.07.005.

*Patel R, **Bates J**. Pertuzumab in metastatic breast cancer. *J Advanced Practitioner Oncology*. 2012;3(6).

*Murray B, **Bates J**, Buie L. Impact of a new assay for measuring serum creatinine levels on carboplatin dosing. *Am J Health Syst Pharm*. 2012;69:1136-41.

***Bates J**, Buie L, Woodis BW. Management of Menorrhagia Associated with Chemotherapy-Induced Thrombocytopenia in Women with Hematologic Malignancy. *Pharmacotherapy* 2011;31:1092-1110.

*__Bates J__, Morris Engemann A, Hammond J. Clinical utility of rituximab in chronic graft versus host disease. *Ann Pharmacother* 2008;43:316-321.

***Bates J**, Hodulik K. Heparin-induced thrombocytopenia: An update. *US Pharm*. 2008;33:10(Oncology suppl):24-26.

Bates J. Drug Updates: HPV Vaccine (Gardasil®). Hematology/Oncology Pharmacy Association Newsletter; Spring 2008.

Bates J. Breathing Well: Demystifying your inhaler. American Lung Association of Metropolitan Chicago. *Inspiration* 2005;Winter Edition.

*Mitchell JLA, Leyser A, Holtorff M, **Bates J**, Frydman B, Valasinas A, Reddy VK, and Marton LJ. Antizyme induction by polyamine analogues as a factor of cell growth inhibition. *Biochemical Journal* 2002;366:663-671.

Book Chapters and Reviews

***Bates, J**, et al. *Essential cancer pharmacology: The prescriber's guide*. 1st ed. Philadelphia, PA:Lippincott Williams & Wilkins, Wolters Kluwer Health; 2010.

***Bates, J**. Quality and Safety in Pharmacy Practice (Book Review). Ed. Terri L Warholak, David P Nau. *Am J Health-System Pharm* 2010;67:2125.

Jill Bates. Review of "Stockley's Drug Interactions". Doody's Review Service (on-line). Available: http://www.doody.com. (Accessed [6/25/2010]).

Jill Bates. Review of "Patient-centered care". Doody's Review Service (on-line). Available: http://www.doody.com. (Accessed [9/6/2014]).

Jill Bates. Review of "Cancer therapy prescribing and administration basics". Doody's Review Service (on-line). Available: http://www.doody.com. (Accessed [9/6/2014]).

Interviews

Bates, Jill interviewed by Cathy Sivak. An interview with Pharm.D. student Jill Bates. Available: http://pharmacyschools.com/resources/an-interview-with-pharm-d-student-jill-bates. (Accessed [9/6/14)].

ABSTRACTS AND SCIENTIFIC PRESENTATIONS

*Denotes peer-review

Luter DL, Alrabiah Z, Proctor A, **Bates J**. Comparison of sodium acetate and sodium bicarbonate infusions for urinary alkalinization in adult patients receiving high dose methotrexate. Poster

accepted for presentation at the University Health-system Consortium Meeting. Anaheim, CA;December 2014.

*Eiland LS, Allen ME, **Bates JS**, Schaffer JJ, Hays DP, Betz C, Raval A. Pharmacist's documentation in patient medical records. Poster accepted for presentation at the ASHP Summer Meeting. Las Vegas, Nevada; June 2014.

Moore J, **Bates J**, Muluneh B, Deal A. Use of a discharge medication complexity index to assign patient risk levels. Poster presentation at the 48th ASHP Midyear Clinical Meeting. Orlando, Florida; December 2013.

Hess L, Mann J, Lewis A, **Bates J**. Evaluation of erwinia asparaginase use at an academic medical center. Poster accepted for presentation at the University Health-System Consortium Pharmacy Council Meeting, Orlando, FL; December 2013.

Cicci JD, Hutfilz, S; Samford, LK; Buie LW, **Bates JS**, Lewis A. Evaluation of denosumab use at an academic medical center. Poster presentation at the 46th ASHP Midyear Clinical Meeting. New Orleans, LA; December 2011.

Porterfield B, Buie L, **Bates J**, Patel R, Olson L. Comparison of pharmacist-driven and physician-driven pharmacotherapy plans at transition of care. Poster presentation at the 46th ASHP Midyear Clinical Meeting. New Orleans, LA; December 2011.

*Bradley A, Buie LW, Deal A, Van deventer H, **Bates JS**, Valgus JM. Characterization of neutropenia associated outcomes with and without granulocyte colony stimulating factor after consolidation chemotherapy with cytarabine in adult patients with acute myeloid leukemia. Hematology/Oncology Pharmacy Association, 7th Annual conference, Salt Lake City, UT; March 2011.

Poppe L, Savage S, **Bates J**. Evaluation of the impact of blood factor guidelines. Poster presentation at the School of Pharmacy Graduate School Retreat. Chapel Hill, NC; May 2010.

*Gregory K, Richards K, **Bates J**, Buie L, Valgus J. Efficacy and safety of an outpatient monitoring protocol for early discharge after high-dose methotrexate at a university teaching hospital. Poster presentation at the Hematology/Oncology Pharmacy Association 6th Annual Conference. New Orleans, LA; March 2010.

Murray B, **Bates J**, Buie L and Shermock K. Estimating kidney function in patients receiving carboplatin chemotherapy and implications for dosing. Poster presentation at the North Carolina Association of Pharmacists Acute Care Practice Forum. Greensboro, NC; March 2010.

Elder S, Buie L, Durr E, **Bates J**, Valgus J. Recombinant factor VIIa utilization in anticoagulated patients with intracranial hemorrhage. Abstract accepted for presentation at the 44th ASHP Midyear Clinical Meeting. Las Vegas, NV; December 2009.

***Bates J**, Hammond J, Marcom PK, Marks J, Danko M, McLeod H. Evaluating the influence of selected concomitant medications on drug metabolism phenotype in cyclophosphamide-treated breast cancer patients. Abstract accepted for publication at the Hematology/Oncology Pharmacist's Association annual conference. Anaheim, CA; June 2008.

***Bates J**, Morris Engemann A, Mis L. Assessment of oral mucositis among autologous hematopoietic stem cell transplant recipients receiving non-total body irradiation-containing regimens. *International Pharmaceutical Abstracts*; ASHP Midyear Clinical Meeting 42 (Dec) 2007. Abstract accepted for publication at the 42nd ASHP Midyear Clinical Meeting. Las Vegas, NV; December 2007.

***Bates J**, Fumi A, Rene L, Tong E, McLendon-Arvik B, Dedrick S. Implementation of a system to ensure the safe administration of gadolinium-containing magnetic resonance imaging contrast agents. *International Pharmaceutical Abstracts*; ASHP Midyear Clinical Meeting 42 (Dec) 2007. Abstract accepted for publication at the 42nd ASHP Midyear Clinical Meeting. Las Vegas, NV; December 2007.

Bates JS, Fumi AL, Scates A, McLendon-Arvik B. "Evaluation of the prescribing patterns for pregabalin at Duke University Hospital." Poster presentation at the 41st ASHP Midyear Clinical Meeting and the University HealthSystem Consortium Pharmacy Council Meeting. Anaheim, CA; December 2006.

Bates J, Campara M, Hanson R, Hussain A, Rene L. "Illinois Council of Health-System Pharmacists." Abstract accepted for poster presentation at the 39th ASHP Midyear Clinical Meeting Student Society Showcase. Orlando, Florida; December 2004.

*Mitchell JLA, Leyser A, Holtorff M, and **Bates JS**. "Pharmacological prevention of cancer." Poster presentation at Project Poster Exhibit for externally-funded projects. Northern Illinois University, DeKalb, Illinois; February 2002.

INVITED PRESENTATIONS

National

"Oncology 301: Hematologic malignancies NHL." Accreditation Council on Pharmacy Education (ACPE) accredited continuing pharmaceutical education presented at the Hematology Oncology Pharmacist Association, JW Marriott, Austin TX; March 2015.

"Anticoagulation treatment in cancer patients." Accreditation Council on Pharmacy Education (ACPE) accredited continuing pharmaceutical education presented as part of the University of North Carolina Grand Rounds Series. Live webinar broadcasted nationwide on September 9, 2014.

Bates J, Metzger N, Chesson M, Seifert C. "Frosting the cake: Creating a layered learning model for clinical rotations." Accreditation Council on Pharmacy Education (ACPE) accredited continuing pharmaceutical education presented at the National Pharmacy Preceptors Conference, Washington Hilton, Washington DC; August 2014.

"Reduced methotrexate clearance associated with concomitant proton pump inhibitor therapy." Accreditation Council on Pharmacy Education (ACPE) accredited continuing pharmaceutical education presented as part of the Clinical Pearls session at ASHP Midyear Meeting, The Orange County Convention Center, Orlando, Florida; December 2013.

"Credentialing and privileging for pharmacists: Preparing for the future of pharmacy practice advancement". Accreditation Council on Pharmacy Education (ACPE) accredited continuing pharmaceutical education live webinar broadcasted nationwide on September 26, 2013. Available at http://elearning.ashp.org/products/1530/credentialing-and-privileging-for-pharmacists-preparing-for-the-future-of-pharmacy-practice-advancement-webinar-recordings

"Implementation of a system to ensure the safe administration of gadolinium-containing magnetic resonance imaging contrast agents: A southeastern teaching medical center case study". Management Case Studies presented at the 42nd ASHP Midyear Clinical Meeting. Las Vegas, NV; December 2007.

Regional

"Early Immersion: Pedagogical Philosophy and Practices." Accreditation Council on Pharmacy Education (ACPE) accredited continuing pharmaceutical education presented at the Inaugural Preceptor and Partnership Symposium, the William and Ida Friday Center for Continuing Education, Chapel Hill, North Carolina; December 2013.

"Advancing the practice of oncology pharmacy in all settings." Accreditation Council on Pharmacy Education (ACPE) accredited continuing pharmaceutical education presented at NC Oncology Pharmacists Association Annual Meeting, The Umstead Hotel and Spa, Cary, North Carolina; August 2012.

"The pursuit of service: A necessary component in the patchwork of pharmaceutical care." Illinois Council of Health-System Pharmacists accredited continuing pharmaceutical education presented at the Illinois Council of Health-System Pharmacists Annual Meeting, Oak Brook, Illinois; September 2006.

Local

"Pharmacy: A shared vision." Keynote address presented at the Duke University Hospital Department of Pharmacy 2014 Residency Certificate Ceremony, Duke University Medical Center, Durham, North Carolina; June 2014.

"Use of Linezolid in a Hematological Malignancy Population." Continuing Medical Education (CME) accredited presented at Lymphoma Conference, Duke University Medical Center, Durham, North Carolina; June 2008.

"Touring the course of testicular cancer." Accreditation Council on Pharmacy Education (ACPE) accredited continuing pharmaceutical education presented at Duke University Medical Center, Durham, North Carolina; May 2008.

"Treatment and prevention of cancer using vaccination." Accreditation Council on Pharmacy Education (ACPE) accredited continuing pharmaceutical education presented at Duke University Medical Center, Durham, North Carolina; October 2007.

"Once daily aminoglycoside dosing in a cystic fibrosis patient." North Carolina accredited continuing pharmaceutical education presented at Duke University Medical Center, Durham, North Carolina; May 2007.

"Prevention and treatment of infectious diarrhea." Accreditation Council on Pharmacy Education (ACPE) accredited continuing pharmaceutical education presented at Duke University Medical Center, Durham, North Carolina; January 2007.

"Insight into clinical pharmacogenomics from bench to breast cancer treatment." North Carolina accredited continuing pharmaceutical education presented at Duke University Medical Center, Durham, North Carolina; November 2006.

"Isosorbide dinitrate/hydralazine HCl (BiDil®)." Presentation of the Food and Drug Administration Cardiovascular and Renal Drugs Advisory Council Meeting on drug labeling, held June 15-16, 2005. Presented to Division of Drug Information within the Food and Drug Administration, Rockville, MD; July 2005

Bates J, Hussain A**.** "Basic Pharmacology." Podium session, Illinois accredited pharmacy technician continuing education presented at University of Illinois at Chicago, Chicago, Illinois; May 2005.

Bates J, Hussain A**.** "Pharmacy Law." Podium session, Illinois accredited pharmacy technician continuing education presented at University of Illinois at Chicago, Chicago, Illinois; May 2005.

"The down-regulation of cellular growth through the pharmacological induction of antizyme protein." Overview of thesis data at Northern Illinois University, DeKalb, Illinois; August 2002.

"Scientific experiments for grades K-8." Irving Public Library's Mad Scientists Club meeting. Irving, Texas; June 1999.

PROFESSIONAL AFFILIATIONS

American Society of Health-System Pharmacists	2002-present
Hematology/Oncology Pharmacy Association	2006-present

Phi Delta Chi, *Alpha Sigma* Chapter (alumni)

PROFESSIONAL SERVICE

American Society of Health-System Pharmacists

- Committee on Nominations — 2014-present
- Women in Leadership Steering Committee — 2015-present
- Reviewer, Board certification review course- Oncology — 2013

- Section of Clinical Specialists and Scientists
  - Immediate Past Chair (elected position) — 2014-2015

- Steering committee for 20th Annual ASHP Conference for Leaders in Health-system Pharmacy — 2014
- Chair (elected position) — 2013-2014
- Chair-Elect (elected position) — 2012-2013
- Section Advisory Group on Preceptor Skills and Development — 2014-2015
- Section Advisory Group on Clinical Leadership — 2013-2014
- Task Force on Credentialing and Privileging Resource Center — 2013-2014
- House of Delegates, Delegate — 2013-2014
- House of Delegates, Alternate Delegate — 2012-2013
- Education Steering Committee Member — 2011-2013

- Council on Therapeutics — 2008-2012
  - Liaison for Section of Clinical Specialists and Scientists — 2013-2014
  - Chair — 2011-2012
  - Vice Chair — 2010-2011

- New Practitioner Education Advisory Group — 2006-2007

Hematology Oncology Pharmacy Association
- Board Certification in Oncology Pharmacy Review Panel — 2013-2014
- Education committee — 2012-2013
- Programming committee — 2008-2009

Manuscript Reviewer — 2008-present
- Annals of Pharmacotherapy
- Pharmacotherapy
- U.S. Pharmacist

LICENSURES AND CERTIFICATIONS

History taking and physical examination, UNC School of Nursing Center for Lifelong learning, Chapel Hill NC — 2015

EPIC@UNC Superuser and Subject Matter Expert (SME), UNC Medical Center, Chapel Hill NC — 2013-present

Board Certification in Oncology Pharmacy, Board of Pharmaceutical Sciences — 2009-present

Licensed Pharmacist, North Carolina Board of Pharmacy — 2006-present

Advanced Cardiovascular Life Support Program, American Heart Association — 2006-present

Basic Life Support, American Heart Association — 2006-2010

Licensed Pharmacist, Illinois Department of Financial and Professional Regulation	2006-2012
American Pharmacists' Association Pharmacy-Based Immunization Delivery	2005-present
National Institutes of Occupational Safety and Health pulmonary function tests training (NIOSH course No. 110, ABIH approval No. 04-2471)	2004
American Lung Association Not on Tobacco facilitator certification	2004
Certified Illinois Developmentally Disabled Adult Habilitation Aide (Certified completion of training program No. 6109)	1997

UNC COMMITTEE INVOLVEMENT

Student and Resident Advisory Committee (SRAC)	2015-present
UNC Hospitals Patient Education Committee	2013-present
Hematology/Oncology (MDE) Interdisciplinary Triad Committee	2010-present
Hematology/Oncology Pharmacy and Therapeutics Subcommittee	2012-present
PYG2 Oncology Resident Selection Committee	2010-present
Chemotherapy Policy Advisory Committee, Co-Chair	2010-2014
Credentialing Committee, Co-Chair	2011-2012
Acute Care Service Pharmacy Practice Council	2009-2012
Partnership In Patient Care Research Committee	2011-2012
Infectious Disease Pharmacy and Therapeutics Subcommittee	2008-2012

HONORS AND AWARDS

Inaugural recipient of the Milton W. Skolaut Leadership Award http://pharmacy.duke.edu/milton-w-skolaut-leadership-award	2014
Pfizer U.S. Pharmaceuticals Outstanding Leader Award	2006
Zora Kosanovich Memorial Scholarship	2006
UIC Student Leadership Award from the University of Illinois Alumni Association	2006

National Dean's List, 28th annual edition	2005
2004-2005 American Society of Health-System Pharmacists' National Student Leadership Award	2005
Lilly Achievement Award	2005
W.E. Van Doren Scholar Award from the Department of Medicinal Chemistry and Pharmacognosy	2005
Phi Lamda Sigma Pharmacy Leadership Society	2005
W.E. Van Doren Scholar Award from the Department of Biopharmaceutical Sciences	2004
Student Professionalism Award	2004
Phi Sigma Biological Honors Society	2002
Athletic Scholar Award	1996

COMMUNITY SERVICE

Light the Night Walk for the Leukemia and Lymphoma Society, Team UNC Oncology; Durham, NC.	2010-present
Member, Family Advisory Board for the Neonatal Critical Care Center at University of North Carolina Hospitals.	2009-2010
Sponsor, brunch for families with children in the Neonatal Critical Care Center at University of North Carolina Hospitals.	2010
Organized and developed the content published on a website sponsored by the American Lung Association of Metropolitan Chicago as part of their COPD Initiative for the community at large [http://www.copdchicago.org/].	2005-2006
UIC Immunization Initiative. Administered influenza and pneumococcal vaccine and counseled patients interested and eligible to receive vaccination; Levy Senior Center, Chicago, IL and University of Illinois Medical Center, Chicago, IL.	2005
"Medication Monitoring and Safety in Older Adults: A Community-Based Education Program." Project Directors: Miriam Mobley Smith, Pharm.D., Michael Koronkowski, Pharm.D.; Renaissance Center, Chicago Department of Aging.	2005
World No Tobacco Day community outreach program advocating smoking cessation and prevention to adolescents at St. Lawrence Boy's Academy.	2005

Project Directors: Bates J, Campara M, Belbis S, Oak Lawn, IL.

Simulated Patient. Top Officials (TOPOFF) 2 exercise, Department of Homeland Security, Chicago, IL. 2003

Hustle up the Hancock. American Lung Association of Metropolitan Chicago, Chicago, IL. 2003-2005