

*Curriculum Vitae*

**Katherine M. Juba, PharmD, BCPS**  
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**Education**

Aug 1999- May 2005 **Doctor of Pharmacy**  
University at Buffalo, School of Pharmacy and Pharmaceutical Sciences  
Buffalo, NY

**Academic Appointments**

Aug 2012-Present **Adjunct Assistant Professor of Medicine**  
Department of Medicine  
School of Medicine and Dentistry  
University of Rochester, Rochester, NY

Nov 2009-Present **Assistant Professor**  
Department of Pharmacy Practice and Administration  
Wegmans School of Pharmacy  
St. John Fisher College, Rochester, NY

Aug 2007–Oct 2009 **Clinical Assistant Professor**  
Department of Pharmacy Practice  
College of Pharmacy  
University of Florida, Gainesville, FL

July 2005-June 2006 **Clinical Instructor**  
Department of Pharmacy Practice  
School of Pharmacy and Pharmaceutical Sciences  
University at Buffalo, Buffalo, NY

**Professional Experience**

Nov 2009-Present **Clinical Pharmacy Specialist – Pain and Palliative Care**  
University of Rochester Medical Center, Rochester, NY

Aug 2006-Oct 2009 **Clinical Pharmacy Specialist - Pain and Palliative Care**  
The Hospice of the Florida Suncoast, Clearwater, Florida

June 2005-June 2006 **Per Diem Staff Pharmacist**  
Kenmore Mercy Hospital, Kenmore, NY

**Post-Graduate Training**

July 2005– June 2006 **Pharmacy Practice Residency Homecare-Emphasis Hospice & Palliative Care (ASHP Accredited)**  
Niagara Hospice, Lockport, NY  
Affiliated with University at Buffalo, School of Pharmacy

**Licensure**

Registered Pharmacist, State of New York, 050432

**Clinical Teaching Experience**

May 2010-Present **Preceptor, Palliative Care and Internal Medicine Rotations**  
PGY1 and PGY 2 Pharmacy Residencies  
University of Rochester Medical Center

March 2010-Present **Preceptor, Advanced Pharmacy Practice Experience, Inpatient/Acute Care General Medicine (PHAR 6703)**  
Doctor of Pharmacy Student Interns, St. John Fisher College  
University of Rochester Medical Center

Jan 2010-Present **Preceptor, Introductory Pharmacy Practice Experience IV (PHAR 5219)**  
Doctor of Pharmacy Student Interns, St. John Fisher College  
University of Rochester Medical Center

May 2009-Oct 2009 **Preceptor, Hospice Advanced Pharmacy Practice Experience**  
Doctor of Pharmacy Student Interns, Florida A&M University  
The Hospice of the Florida Suncoast

May 2008, 2009 **Preceptor, Hospice Rotation**  
PGY 2 Pain Management & Palliative Care Pharmacy Residency  
Partnership H. Lee Moffitt Cancer Center & Research Institute and  
The Hospice of the Florida Suncoast

Aug 2007–Oct 2009 **Preceptor, Hospice Advanced Pharmacy Practice Experience**  
Doctor of Pharmacy Student Interns, University of Florida  
The Hospice of the Florida Suncoast

June 2005-May 2006 **Co-Preceptor, Hospice Advanced Pharmacy Practice Experience**  
Doctor of Pharmacy Student Interns, University at Buffalo  
Niagara Hospice

### **Didactic Courses Taught**

#### **Wegmans School of Pharmacy, St. John Fisher College**

##### **Top 200 Drugs I (PHAR 3117)**

*A required 1-credit course offered in the 1<sup>st</sup> professional year (~ 85 students)*

Fall 2014: Opioids and NSAIDs (2 hrs)

Fall 2015: Pain Medications (1 hr)

##### **Applied Pathophysiology and Therapeutics III (PHAR 5157)**

*A required 5-credit course offered in the 3<sup>rd</sup> professional year (~ 80 students)*

Fall 2014-2015: Pain Management (7 hrs)

Fall 2014-2015: Osteoarthritis/Rheumatoid Arthritis (5 hrs)

##### **Applied Pathophysiology and Therapeutics II (PHAR 4257)**

*A required 5-credit course offered in the 2<sup>nd</sup> professional year (~ 80 students)*

Spring 2015- 2014: Acute Decompensated Heart Failure (2 hrs)

Spring 2014: Geriatrics (7 hrs)

##### **Applied Pathophysiology and Therapeutics I (PHAR 4157)**

*A required 5-credit course offered in the 2<sup>nd</sup> professional year (~ 80 students)*

Fall 2015: Drug Therapy Problems (2 hrs)

Fall 2015: Acute Decompensated Heart Failure (3 hrs)

Fall 2015: Osteoarthritis/Rheumatoid Arthritis (5 hrs)

Fall 2014-2013: Lab Monitoring (7 hrs)

Fall 2014- 2013: Substances of Abuse (2 hrs)

Fall 2013: Dementia (5 hrs)

##### **Self Care & Natural Products (PHAR 4238)**

*A required 3-credit course offered in the 2<sup>nd</sup> professional year (~ 80 students)*

Spring 2015-2012: Musculoskeletal pain, Analgesics, and Antipyretics (3 hrs)

##### **Self Care & Natural Products (PHAR 5238)**

*A required 3-credit course offered in the 3<sup>rd</sup> professional year (~ 80 students)*

Spring 2013-2010: Musculoskeletal pain, Analgesics, and Antipyretics (3 hrs)

##### **Introductory Pharmacy Practice Experience III (PHAR 5119)**

*A required 1-credit course offered in the 3<sup>rd</sup> professional year (~80 students)*

Fall 2014-2011: Goals of Care (1 hr)

##### **Concepts in Pharmacy Practice II (PHAR 5237)**

*A required 3-credit course offered in the 3<sup>rd</sup> professional year (~ 80 students)*

Spring 2015-2010: OSCE session, Seminar Presentations, and Counseling Sessions (12 hrs)

##### **Concepts in Pharmacy Practice I (PHAR 5137)**

*A required 3-credit course offered in the 3<sup>rd</sup> professional year (~ 80 students)*

Fall 2015-2013: Counseling sessions (6 hrs)

Fall 2012-2010: Seminar Presentations/Pro-Con Debates (3 hrs)

**Pathophysiology and Therapeutics IV (PHAR 5247)**

*A required 4-credit course offered in the 3<sup>rd</sup> professional year (~ 80 students)*

Spring 2013-2010: Supportive Oncology Care (3 hrs)

Spring 2010: Pain Management (3 hrs)

**Pathophysiology and Therapeutics III (PHAR 5147)**

*A required 4-credit course offered in the 3<sup>rd</sup> professional year (~ 80 students)*

Fall 2013-2010: Pain Management (4 hrs)

Fall 2013-2012: Osteoarthritis/Rheumatoid Arthritis (2 hrs)

Fall 2011-2010: Cirrhosis (2 hrs)

**Pathophysiology and Therapeutics II (PHAR 4227)**

*A required 4-credit course offered in the 2<sup>nd</sup> professional year (~ 80 students)*

Spring 2013: Geriatrics (4 hrs)

**Pathophysiology and Therapeutics I (PHAR 4147S)**

*A remediation 4-credit course offered between the 2<sup>nd</sup> and 3<sup>rd</sup> professional years (5 students)*

Summer 2013: Multiple Sclerosis, Parkinson's Disease, and Dementia (4 hrs)

**Pathophysiology and Therapeutics I (PHAR 4147)**

*A required 4-credit course offered in the 2<sup>nd</sup> professional year (~ 80 students)*

Fall 2011-2010: Geriatrics (4 hrs)

**Therapeutics Case Studies IV (PHAR 5217)**

*A required 1-credit course offered in the 3<sup>rd</sup> professional year (~ 80 students)*

Spring 2013: Supportive Oncology Care (3 hrs)

**Therapeutics Case Studies III (PHAR 5117)**

*A required 1-credit course offered in the 3<sup>rd</sup> professional year (~ 80 students)*

Fall 2013-2010: Pain Management (3 hrs)

Fall 2013-2012: Osteoarthritis/Rheumatoid Arthritis (3 hrs)

Fall 2011-2010: Cirrhosis (3 hrs)

**Therapeutics Case Studies II (PHAR 4217)**

*A required 1-credit course offered in the 2<sup>nd</sup> professional year (~ 80 students)*

Spring 2013: Geriatrics (3 hrs)

**Therapeutics Case Studies I (PHAR 4117)**

*A required 1-credit course offered in the 2<sup>nd</sup> professional year (~ 80 students)*

Fall 2011-2010: Geriatrics (3 hrs)

**Application of Drug Interaction Information in Practice (PHAR 5524)**

*An elective 2-credit course offered to students in the 3<sup>rd</sup> professional year (~ 20 students)*

Fall 2015-2011: Pain Management (2 hrs)

**Geriatric Health Care (PHAR 5521)**

*An elective 2-credit course offered to students in the 2<sup>nd</sup> and 3<sup>rd</sup> professional year (~ 20 students)*  
Spring 2015, 2014, 2013, 2011: Drug Related Problems, Pain/Palliative Care, Brown Bag Event at St. John's Meadows (8 hrs)

Spring 2013, 2011: Instability/Falls (2 hrs)

Spring 2015, 2013, 2011: Student Presentation Evaluator (7 hrs)

**Topics in Pain and Palliative Care Pharmacotherapy (PHAR 5517)**

*An elective 2-credit course offered to students in the 2<sup>nd</sup> and 3<sup>rd</sup> professional year (~ 20 students)*

Fall 2011-2010: Hospice/Palliative Care Services, Role of Pain and Palliative Care Pharmacists, Pain Assessment/Classification, Opioids, Adjuvant Pain Medications, Gastrointestinal Symptoms, Imminent Symptoms, Dyspnea, Delirium, Pruritis, Palliative Sedation (30 hrs)

**University of Florida College of Pharmacy-St. Petersburg Campus; Seminole, Florida**

**Research in Pharmacy Practice (PHA 5907)**

Spring 2009: Faculty Advisor for Academic Honors Research Project

**Pain Management and Palliative Care Elective Course (PHA 5842)**

Spring 2009-2008: Imminent Symptoms, Nausea/Vomiting, and Pain and Palliative Patient Case Cases (Patient Case #1 and Patient Case #2)

**Practicum I & II (PHA 5941, PHA 5942)**

Spring 2009-2008: Pharmacist Role in Hospice/Palliative Care

**Pharmacotherapy IV (PHA 5784)**

Fall 2007: Pain and Palliative Care Case Series (Main Case #5)

**Courses Coordinated**

**Applied Pathophysiology and Therapeutics III (PHAR 5157)**

Fall 2015, Fall 2014

**Geriatric Health Care (PHAR 5521)**

Spring 2015, Spring, 2013, Spring 2011

**Applied Pathophysiology and Therapeutics I (PHAR 4157)**

Fall 2013

**Pathophysiology and Therapeutics I (PHAR 4147S) Co-Course Coordinator**

Summer 2013

**Pathophysiology and Therapeutics I (PHAR 4147) Co-Course Coordinator**

Fall 2012

**Therapeutics Case Studies I (PHAR 4117) Co-Course Coordinator**

Fall 2012

**Topics in Pain and Palliative Care Pharmacotherapy (PHAR 5517)**

Fall 2011, Fall 2010

**College Service**

2015-present	Wegmans School of Pharmacy Post-Graduate Training Committee
2013-2015	Wegmans School of Pharmacy IPAC Committee
2012-present	Faculty Mentor for Anne Schweighardt
2012-2015	St John Fisher College Faculty Welfare Committee Merit Pay Subcommittee Co-Chair 2014
2012-present, 2010	Pathophysiology and Therapeutics Workgroup
2011-present	Wegmans School of Pharmacy Strategic Planning Continuing Pharmacy Education Workgroup
2012	Wegmans School of Pharmacy Resident Teaching Certificate Workgroup
2012	Wegmans School of Pharmacy Post-Graduate Education Committee
2011-2014	Wegmans School of Pharmacy Student Honor Council Committee Chair 2013-2014
Summer 2011	Wegmans School of Pharmacy Program Learning Outcome Focus Group
2010-2011	Wegmans School of Pharmacy Admissions Committee
Summer 2010	Pharmacy Practice Department Strategic Planning Scholarly Activity Workgroup
Spring 2010	Wegmans School of Pharmacy Pharmaceutical Sciences Search Committee

**Professional Service**

April 2015	Subject matter expert reviewer for ASHP Guidelines on Pharmacist's Role in Palliative and Supportive Care
Feb 2015-Present	IPRO Pain Management Technical Expert Panel
April 2012-Present	Pain Improvement Steering Committee University of Rochester Medical Center
Fall 2011-Present	Faculty Reviewer ASHP/APhA Student Chapter CV Workshop

- Summer 2011            Subject matter expert reviewer for Pain and Palliative Care (PPC) role delineation study to petition the Board of Pharmacy Specialties (BPS) to recognize PPC as a pharmacy specialty
- Fall 2010-Present     Judge for Wegmans School of Pharmacy Local ASHP Clinical Skills Competition
- Dec 2009-Feb 2012    Pain Management Coordinating Council  
University of Rochester Medical Center

### **Abstracts**

**Juba K**, Khadem T, Hutchinson D, Brown J. “Methadone and QTc Prolongation in Pain and Palliative Care Patients: A Case Control Study.” Poster Presentation at: American College of Clinical Pharmacy Global Conference on Clinical Pharmacy; San Francisco, CA. October 2015.

Zhao F, Hutchinson DJ, **Juba K**. “APPE Research Elective on Stability Evaluation of Compounded Drug Products.” Poster Presentation at: Annual Meeting of the American Association of Colleges of Pharmacy; Kissimmee, FL. July 2012.

Hutchinson DJ, Mathews JL, Souza JM, Corigliano A, Traina A, **Juba K**, Lavigne JE. “Four Avenues of Collaboration at the Wegmans School of Pharmacy.” Poster Presentation at: Annual Meeting of the American Association of Colleges of Pharmacy; Kissimmee, FL. July 2012.

**Juba KM**, Rigali A. “Retrospective Chart Review of a Clinical Pharmacist’s Interventions During Rounds in a Hospice Inpatient Unit.” Poster Presentation at: American Academy of Hospice and Palliative Medicine, Annual Assembly; Boston, MA. March 2010.

**Juba KM**, Wahler RG. “Single Dose Fluconazole versus Standard Nystatin Therapy for the Treatment of Oral Candidiasis in Hospice Patients.” Poster Presentation at: National Hospice and Palliative Care Organization, 7th Clinical Team Conference; San Diego, CA. April 2006.

### **Publications: Refereed Journals**

Raphael CD, Zhao F, Hughes SE, **Juba KM**. A Pilot Chemical and Physical Stability Study of Extemporaneously Compounded Levetiracetam Intravenous Solution. *J Pain Palliat Care Pharmacother*. In Press.

Prohotsky DL, **Juba KM**, Zhao F. Formulation and Stability of an Extemporaneously Compounded Oral Solution of Chlorpromazine HCl. *J Pain Palliat Care Pharmacother*. 2014;28(4): 367-370.

Schweighardt AE, **Juba KM**. Extended-Release Hydrocodone: The Devil in Disguise or Just Misunderstood? *Ann Pharmacother*. 2014;48(10):1362-1365.

**Juba KM**, Ricca BP. Design of a Problem-Based Learning Pain and Palliative Care Elective Course. *Currents in Pharmacy Teaching and Learning*. 2014;6:421-428.

Chatham MS, Dodds Ashley ES, Svengsouk JS, **Juba KM**. Dose Ratios Between High Dose Oral Morphine or Equivalents and Oral Methadone. *J Palliat Med*. 2013;16(8):947-950.

**Juba KM**, Wahler RG, Daron SM. Morphine and Hydromorphone-Induced Hyperalgesia in a Hospice Patient. *J Palliat Med*. 2013;16(7):809-812.

**Juba, KM**. Pharmacist Credentialing in Pain Management and Palliative Care. *J Pharm Pract*. 2012;25(5):517-520.

**Juba KM**, Weiland D. Seizure Management in a Complex Hospice Patient. *J Pain Palliat Care Pharmacother*. 2010;24(1):26-32.

### **Grants**

Aug 2012-  
Sept 2013 National Institutes of Health Center of Excellence in Pain Education awarded to Rochester Area Collaborative Center of Excellence in Pain Education (RACCoEPE). I was a subcontractor on this grant for the geriatrics case (case co-leader). The individual subcontracted amount was \$2353.76 over one year.

July 2010-  
June 2015 Geriatric Education Centers (GEC) program (HRSA-10-091) awarded to Finger Lakes Geriatric Education Center (FLGEC). I am a subcontractor on this grant. The pharmacy projects within the grant include a geriatrics pharmacy elective course at St. John Fischer College (SJFC), geriatric continuing education series for Rochester area pharmacists, and SJFC geriatrics pharmacy faculty development series. The individual subcontracted amount was \$43260 over five years.

### **Peer Reviewer**

2014-present *Cochrane Pain, Palliative & Supportive Care Review Group*

2013 *AAHPM Primer of Palliative Care, 6<sup>th</sup> Edition*

2013-present *American Journal of Pharmaceutical Education*

2012-present *Journal of Palliative Medicine*

2009-present *Annals of Pharmacotherapy*

2009-present *Journal of Pharmacy Technology*

### **Presentations**

**Complementary Therapies in Palliative Care: A Panel Discussion**



Presented on Herbals/Supplements

3<sup>rd</sup> Annual Palliative Care Collaborative of Rochester Educational Conference

University of Rochester School of Medicine and Dentistry

Rochester, NY; October 2015.

**Methadone and QTc Prolongation in Pain and Palliative Care Patients: A Case Control Study**

The Great Eight–Best Paper Presentation: 2015 American College of Clinical Pharmacy Global Conference on Clinical Pharmacy, San Francisco, CA; October 2015.

**Methadone for Pain Management: What Every Pharmacist Should Know**

NYS American College of Clinical Pharmacy Fall Meeting

Cooperstown, NY; September 2013.

Souza JM, Mathews JL, Hutchinson DL, **Juba K**, Pawasauskas J, Matson KJ.

Exploring Electronic Testing: **Cost Analysis, Environmental Impact, Student Perspectives, Embedded Assessment, and Curricular Mapping.**

Mini-Session Presentation: American Association of College of Pharmacy Meeting, Chicago, IL; July 2013.

**2012 Sovie Center Pharmacological Update: Opioid Review**

URMC Sovie Center for Advanced Practice Providers Continuing Education Day

URMC-Strong Memorial Hospital, Rochester, NY; February, April, September, and November 2012.

**Assessing the Significance of Common Drug Interactions**

Wegmans School of Pharmacy Alumni Continuing Education Dinner

St. John Fisher College, Rochester, NY; May 2012.

**Oxycontin: Friend or Foe?**

Highland Family Medicine Noon Conference

Highland Family Medicine, Rochester, NY; March 2012.

**GI Symptom Management: One Drug Does Not Fit All**

URMC Medical Resident Noon Conference

URMC-Strong Memorial Hospital, Rochester, NY; August 2011.

**Geriatric Pharmacotherapy Considerations**

URMC AgeWISE Geriatric/Palliative Care Nursing Program

URMC-Strong Memorial Hospital, Rochester, NY; June 2011.

**Geriatric Medication Safety: A Focus on Appropriate Medication Selection**

Rochester Area Society of Health-System Pharmacists Morning Continuing Education Program

Pharmacists Society of Rochester Continuing Education Program

Wegmans School of Pharmacy-St. John Fisher College, Rochester, NY; March and May, 2011

**Ketamine for Refractory Pain**

NYS American College of Clinical Pharmacy Fall Meeting

Wegmans School of Pharmacy-St. John Fisher College, Rochester, NY; November, 2010.

**2010 Clinical Pharmacy Update: Pain Management**

URMC Department of Pharmacy Continuing Education Day

URMC-Strong Memorial Hospital, Rochester, NY; March, 2010.

**Special “K” for Special Patients: Ketamine’s New Role**

URMC Center for Ethics, Humanities and Palliative Care Noon Conference Series

URMC-Strong Memorial Hospital, Rochester, NY; February, 2010.

**Methadone Use in Hospice & Palliative Care**

2009 Suncoast Institute Webinar Training Series

Suncoast Institute-The Hospice of the Florida Suncoast, Clearwater, FL; July, 2009.

**Non-Pain Symptom Management HPNA Review Class**

Hospice and Palliative Care Nurses Association-Western Florida Chapter

The Hospice of the Florida Suncoast, Clearwater, FL; August, 2007 and February, 2009.

**Management of Nausea and Vomiting**

2007 Pain and Symptom Management Certificate Program

The Hospice of the Florida Suncoast, Clearwater, FL; September, 2007.

**Pharmacological Management of Pain with Opioids**

2007 Pain and Symptom Management Certificate Program

The Hospice of the Florida Suncoast, Clearwater, FL; September, 2007.

**Management of Nausea and Vomiting**

Pain and Symptom Management Workshop

The Hospice of the Florida Suncoast, Clearwater, FL; March, 2007.

**Overcoming the Fear of Methadone**

Grand Rounds

Buffalo Psychiatric Center, Buffalo, NY; April, 2006.

**Hospice Pharmacotherapy for the Hospital Inpatient**

Grand Rounds

Medina Memorial Hospital, Medina, NY; October 2005.

**Honors/Awards**

2015 ACCP Global Conference on Clinical Pharmacy the Great Eight– Best Paper Presentation Winner

2005 University at Buffalo Roche Pharmacy Communications Award Recipient

2004 ASHP National Clinical Skills Competition Top Ten Finalist

**Professional Memberships**

2011-2013                    **American Association of Colleges of Pharmacy**

2010-Present                **NYS Chapter of the American College of Clinical Pharmacy**  
Nominations Committee Chair 2015  
Research Grants Committee Chair 2015  
President 2015  
Fall Meeting Planning Committee Chair 2014  
President-Elect 2014  
Awards Committee 2011-2013

2008–Present                **American College of Clinical Pharmacy**  
Pain and Palliative Care Practice Research Network Member  
Practice Based Research Network

2008-Present                **American Academy of Hospice and Palliative Medicine**  
Affiliate Member

**Certifications**

Board Certified Pharmacotherapy Specialist 308011490, 2008-2015

University at Buffalo School of Pharmacy Resident Teaching Certificate Program, 2005-2006

American Pharmacists Association Pharmacy-Based Immunization Delivery Certificate Program, 2003