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Signature

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**EDUCATION**

Wayne State University School of Medicine,  
Detroit, Michigan  
Degree: MD, June 1995

DATES  
1991-1995

Duke University,  
Durham, North Carolina  
Degree: A.B. in Art Design and Biological Anthropology  
Graduated cum laude

1987-1991

**POSTGRADUATE TRAINING**

Hematology/Oncology Chief Fellow,  
Wayne State University, Detroit Medical Center

2000-2001

Hematology/Oncology Fellow,  
Wayne State University, Detroit Medical Center

1998-2001

Primary Care Internal Medicine Residency Program,  
Strong Memorial Hospital,  
Rochester, NY

1995-1998

**FACULTY APPOINTMENTS**

Associate Professor of Oncology, Wayne State University School of Medicine, Department of Oncology, Division of Hematology/Oncology. Barbara Ann Karmanos Cancer Institute.	Mar 2010- present
Associate Professor of Medicine, Wayne State University School of Medicine, Department of Medicine, Division of Hematology/Oncology. Barbara Ann Karmanos Cancer Institute. Leader, Karmanos Cancer Institute Multiple Myeloma Multidisciplinary Sub- committee	2009-Present
Assistant Professor of Medicine, Wayne State University School of Medicine, Department of Internal Medicine, Division of Hematology/Oncology. Barbara Ann Karmanos Cancer Institute. Leader, Karmanos Cancer Institute Multiple Myeloma Multidisciplinary Sub- committee	2001-2009

**HOSPITAL OR OTHER PROFESSIONAL APPOINTMENTS**

Vice Chair, Medical M1 Institutional Review Board, Wayne State University, Division of Research	April 1, 2013 - Present
Medical Director for Therapeutic Apheresis, Karmanos Cancer Center, Detroit, MI	April 1, 2013 – Present
Leader, Karmanos Cancer Institute Multiple Myeloma Multidisciplinary Sub- committee	2008-Present

**MAJOR PROFESSIONAL SOCIETIES**

Member, American Society of Hematology (ASH)  
 Member, American Society of Clinical Oncologists (ASCO)  
 Member, American Medical Association (AMA)  
 Member, Southwest Oncology Group (SWOG)  
 Member, International Myeloma Society (IMS)  
 Member, International Society of Amyloidosis (ISA)

**MEDICAL LICENSURE**

*All states. Note if active or inactive.*  
 NY State License 1995 (inactive)  
 MI State License 1998 (active)

**BOARD CERTIFICATION**

American Board of Internal Medicine, Hematology (active) – expires 2023

**HONORS/AWARDS**

Wayne State University School of Medicine Teaching Award	2012
Wayne State University Division of Hematology-Oncology, Hematology Teaching Attending of the Year	2012
Wayne State University Division of Hematology-Oncology, Hematology Teaching Attending of the Year	2007
Wayne State University School of Medicine Teaching Award	2005
Merit Scholarship, ASCO Travel Award	2001
Merit Scholarship, ASCO Travel Award	2000
Lawrence E. Young Book Award – Outstanding Senior Resident, University of Rochester Primary Care Internal Medicine Program	1998
Certificate of Recognition for Contributions to the Residency Program, University of Rochester, Primary Care Internal Medicine Program	1996
Outstanding Senior Student, Dept. of Psychiatry, Wayne State University School of Medicine	1995
Alpha Omega Alpha Honor Society, Wayne State University School of Medicine	1995

**SERVICE****Wayne State University**

Vice Chair, Medical M1 Institutional Review Board, Division of Research	2013
Member of the Human Investigation Committee – Wayne State University	4/2006-Present
Architectural Planning Committee, Clinic and Triage areas, Karmanos Cancer Institute	2005
Quality Assurance Committee, Karmanos Cancer Institute	2004-Present
Clinical Care Planning Committee, Karmanos Cancer Institute	2004-2007
Wertz Clinic Restructuring Committee	2004
Candidate interviewer, Residency Program, Department of Internal Medicine,	2002-2007

Wayne State University/Detroit Medical Center

Fellowship Selection Committee, Division of Hematology/Oncology, Wayne State University 2000-2009

### **Affiliate medical organizations**

Cardiology Division Chief Search Committee, Harper University Hospital 2002-2004

Infection Control Committee, Harper Hospital, Detroit Medical Center 2001-2006

### **Professional**

Member, Windsor Cancer Research Group's Executive Committee 2014

Member, MMRC (Multiple Myeloma Research Consortium) Project Review Committee 2013-Present

Member, American Society of Hematology Satellite Symposium Committee 2013 – 2014

Amyloidosis Support Groups, Inc., Medical Advisory Board 2007-Present

Member, International Myeloma Working Group 2006-Present

McCarty Cancer Foundation Scientific Advisory Board 2005-2012

International Myeloma Foundation Bank on a Cure (BOAC) Scientific Board 2005

SWOG Special Populations Committee 2004-Present

SWOG Multiple Myeloma Committee 2001-Present

- SWOG Trial 0232 Protocol Coordinator
- Intergroup Trial E1A11 SWOG Co-Chair

### **Community**

Speaker, Flint Multiple Myeloma Support Group May 15, 2014

Speaker, Multiple Myeloma Support Group, Gilda's Club Metro Detroit, *ASH 2013: Multiple Myeloma* Mar 25, 2014

Speaker, Amyloidosis Support Group, Inc. 2014

7/2013 Atlanta, GA

2013 Candidate and Fundraiser, The Leukemia & Lymphoma Society's Man & Woman of the Year Campaign 2013

Speaker, Amyloidosis Support Group, Inc. 2013

8/2013	Denver, CO	
9/2013	Detroit, MI	
11/2013	Portland, OR	
11/2013	New York, NY	
Speaker, Myeloma Canada National Conference (a patient symposium), Ottawa Canada		July 13, 2013
Member, Medical Advisory Board – Lakehouse, St. Clair Shores, MI		2012 - present
Member, HAP Oncology P&T Committee		2012 - present
Speaker, Amyloidosis Support Group, Inc.,		2012
4/2012	Philadelphia, PA	
6/2012	Upstate New York Chapter, Rochester, NY	
6/2012	Atlanta, GA	
8/2012	Kansas City, KS	
8/2012	Rocky Mountain Chapter, Denver, CO	
10/2012	Michigan/Ohio Chapter, Detroit, MI	
10/2012	Chicago Chapter, Chicago, IL	
Speaker, Myeloma Support Group		2012
1/2012	Great Lakes Cancer Institute, Flint, MI	
Speaker, Gilda’s Club, July 23, 2012, Royal Oak, MI		2012
Speaker, Amyloidosis Support Group, Inc.,		2011
2/2011	Baltimore-Washington, DC	
4/2011	Ohio State University, Columbus, OH	
5/2011	Michigan/Ohio Chapter, Detroit, MI	
8/2011	Rocky Mountain Chapter, Denver, CO	
9/2011	Upstate New York Chapter, Rochester, NY	
9/2011	Ohio State University, Columbus, OH	
10/2011	Chicago Chapter, Chicago, IL	
11/2011	Phoenix, AZ	
Program Organizer, Chair, and Speaker, <i>Great Lakes Amyloidosis Symposium</i> Detroit, MI		10/2011
Program Organizer, Chair, and Speaker, <i>Multiple Myeloma and Amyloidosis Patient Day Symposium</i> , Auburn Hills, MI		10/2010
Speaker, Amyloidosis Support Group, Inc.,		2010

6/2010	Maryland Chapter, Washington, DC	
8/2010	Speaker, Amyloidosis Support Group, Inc., Rocky Mountain Chapter, Denver, CO	
	Speaker, <i>Latest Advances in Myeloma – Update From ASH and ASCO</i> , Gilda’s Club, Royal Oak, MI	6/2010
	Speaker, Amyloidosis Support Group, Inc.	2009
3/2009	Michigan/Ohio Chapter, Detroit, MI	
5/2009	Upstate New York Chapter, Rochester, NY	
5/2009	Washington, DC	
8/2009	Rocky Mountain Chapter, Denver, CO	
10/2009	Ohio State University, Columbus, OH	
10/2009	Michigan/Ohio Chapter, Detroit, MI	
	<i>Update on Myeloma</i> , Lecturer, Ann Arbor Multiple Myeloma Patient Support Group, Ypsilanti, MI	1/2009
	Program Organizer, Chair, and Speaker, <i>Multiple Myeloma and Amyloidosis Patient Day Symposium</i> , Auburn Hills, MI	9/2008
	Speaker, Amyloidosis Support Group, Inc.,	
2/2008	Chicago Chapter, Chicago, IL	
3/2008	Michigan/Ohio Chapter, Detroit, MI	
7/2008	Upstate New York Chapter, Rochester, NY	
8/2008	Rocky Mountain Chapter, Denver, CO	
8/2008	North Carolina Chapter, Charlotte, NC	
8/2008	Florida Chapter, Tampa, FL	
10/2008	NYC Chapter, New York City, NY	
	Board Member, Gilda’s Club Detroit East (“Project Gilda”)	2008-2011
	Board Member, Gilda’s Club of Metropolitan Detroit	2008-2010
	Amyloidosis Support Groups, Inc., Medical Advisory Board	2007-Present
	Speaker, Multiple Myeloma Support Group, <i>Update on Multiple Myeloma</i> , Gilda’s Club of Detroit	12/2006
	Program Organizer and Chair, 1 <sup>st</sup> Great Lakes Myeloma Symposium, Dearborn Inn-Marriott, Dearborn, MI	11/2006
	Speaker, <i>Exploring Lymphoma</i> , Gilda’s Club of Metropolitan Detroit.	10/2005
	Speaker, <i>Cancer Screening/ Men’s Health</i> , Temple Emanu-El Temple	10/2005

### Brotherhood

Speaker, <i>Overview of Lymphoma</i> , Leukemia & Lymphoma Society, Weisberg Cancer Center, Farmington Hills, MI	4/2005
Speaker, Multiple Myeloma Support Group, <i>New Therapies for Multiple Myeloma</i> , Gilda's Club of Detroit	3/2005
Speaker, Hodgkin's Disease Support Group, <i>Overview of Hodgkin's Disease</i> , Gilda's Club of Detroit.	10/2004
Speaker, <i>Update on Multiple Myeloma</i> , McCarty Foundation Myeloma Support Group, Windsor, Ontario	6/2004
Speaker, <i>Update on Multiple Myeloma</i> , Leukemia & Lymphoma Society, Weisberg Cancer Center, Farmington Hills, MI	1/2004
Speaker, Leukemia Support Group, <i>Acute Myelogenous Leukemia and MDS</i> , Gilda's Club of Detroit	8/2003
Speaker, Multiple Myeloma Support Group, <i>Overview of Multiple Myeloma, current and emerging therapies</i> , Gilda's Club of Detroit	01/2003
Temple Emanu-El: Young Family Shabbat Committee (2002-2005), Temple Brotherhood Committee (2003-2005)	2002-2005
Secretary, Aesculapians Service Honor Society, Wayne State University School of Medicine	1994-1995
Coordinator, STD-AIDS Lecture Group, Wayne State University School of Medicine	1992-1993
Lecturer, STD-AIDS Lecture Group, Wayne State University School of Medicine	1991-1993
<b><u>Other</u></b>	
Art Editor, JAMA student section ( <u>Pulse</u> ) published monthly during school year.	1994-1995
Contributing Artist, JAMA student section ( <u>Pulse</u> ) published monthly during school year.	1992-1994
Medical Illustration Externship, Duke University Medical Center	1989-1991

### **SCHOLARLY SERVICE**

**TEACHING****Teaching at Wayne State University**

Cryoglobulinemia. Weekly Hematology Conference, Karmanos Cancer Institute/Wayne State University. Detroit, MI	2/10/14
Recent Advances in the Therapy of Multiple Myeloma. Department of Internal Medicine Grand Rounds. Wayne State University School of Medicine, Detroit, MI	01/27/14
Recent Advances in the Treatment of Multiple Myeloma. Department of Internal Medicine Grand Rounds. Wayne State University School of Medicine, Detroit, MI	10/7/2013
Impact of Renal Failure on Choice of Chemotherapy for Myeloma. Weekly Hematology Conference, Karmanos Cancer Institute, Detroit, MI	8/2012
Multidisciplinary Perspectives on Best Practices in Multiple Myeloma. Grand Rounds, Dingell VA Medical Center, Detroit, MI	12/2011
Core Curriculum, Lecturer, Plasma Cell Dyscrasias, Wayne State University, Detroit, MI	11/2011
Epigenetic Modulation and Multiple Myeloma, Grand Rounds, Karmanos Cancer Institute, Detroit, MI	11/2010
Advances in the Treatment of Amyloidosis, Lecturer, Grand Rounds, Karmanos Cancer Institute, Detroit, MI	10/2010
Board Review in Malignant Hematology, Lymphoma and Myeloma, Wayne State University Internal Medicine Residency Program	2/2010
MSHO Board Review, Myeloma and Lymphoma. Lecturer, Detroit, MI	10/2009
Grand Rounds, CPC Speaker, Hypereosinophilia, Internal Medicine Department, Wayne State University, Detroit, MI	5/2009
Board Review in Malignant Hematology; Myeloma and Lymphoma, Wayne State University Internal Medicine Residency Program	1/2009
Board Review in Malignant Hematology, Wayne State University Internal Medicine Residency Program	1/2008
Plasma Cell Disorders – Core Curriculum Lecture, Internal Medicine Residents	10/2006
Kyphoplasty for Cancer Related Compression Fractures, Lecture, Urology/Oncology Conference, Karmanos Cancer Institute	2/2006



Cancer Biology student clinical shadow preceptorship (weekly)	2004-2012
Overview of Myelodysplastic Syndromes and Aplastic Anemia, Lecture, Internal Medicine Residency Core Lectures	10/2004
Overview of Multiple Myeloma, Internal Medicine Residency Core Lectures	10/2003
Role of Autologous and Allogeneic Stem Cell Transplant in Multiple Myeloma, Lecturer, Bone Marrow Drive, Wayne State University Medical School	3/25/2003
Overview of Anemia, Lecture, Physicians Assistant Student Lectures, Wayne State University	2003-2004
Advances in Myeloma, Grand Rounds, Karmanos Cancer Institute Student Summer Mentoring Program: mentor for a high school student research project spanning summer. Project: Determining the Utility of Bilateral Bone Marrow Biopsies for Initial Staging of Hodgkin's Lymphoma	11/2002
Classification, Clinical Presentation and Treatment Principles of Malignant Lymphoid Disorders and Multiple Myeloma, Lecture, Physicians Assistant Student Lectures, Wayne State University	2001-2004
Clinic Preceptor, Fellows Hematology Clinic, Wayne State University Hematology/Oncology Fellowship Program	2001-2002
Coordinator, Hematology Weekly Conference, Karmanos Cancer Institute, Detroit Michigan (CME Credits 1.0 hours, Category I)	2000-Present
Lab Instructor, 2 <sup>nd</sup> year Medical School Hematology Course Lecturer, 2 <sup>nd</sup> year Medical School Hematology Course Hematopoiesis 2/26/03, 12/2003, 12/2004 Overview of Anemia 12/2003, 12/2004 Leukemias and Myelodysplastic Syndrome 12/2004, 1/03/2007 Myeloproliferative Disorders and Aplastic Anemia 12/2004, 1/11/2007	1999-Present
Physical Diagnosis Instructor, Wayne State University Medical School	1998-2000, 2002, 2003

### **Teaching at other Institutions/Invited Lectures**

“Emerging Therapies for Multiple Myeloma”, MMRF Symposium, Detroit, MI	10/2012
“Optimizing Care for Patients with Relapsed/Refractory Multiple Myeloma”, John H. Stronger, Jr. Hospital of Cook County, Chicago, IL	9/2012
“Optimal Treatment of Relapsed and Refractory Multiple Myeloma”, Multiple	9/2012

Myeloma: Case Based Workshop with the Experts, Grand Rounds, Beaumont Hospital, Royal Oak, MI	
“MGUS, Myeloma, and Everything In Between”, Grand Rounds, St. Mary’s Hospital, Livonia, MI	1/2012
Targeting the Proteasome in Multiple Myeloma. Emory University/ Winship Cancer Institute, Atlanta, GA	11/2011
Multidisciplinary Perspectives on Best Practices in Multiple Myeloma. Grand Rounds, Aleda E. Lutz VA Medical Center, Saginaw, MI	10/2011
Targeting the Proteasome in Multiple Myeloma. University of Nebraska Medical Center, Omaha, Nebraska	04/2011
Multiple Myeloma – Non-transplant Considerations, Speaker, ProMedica Cancer Institute 2010 Fall Symposium, Perrysburg, OH	10/2010
Latest Advances in Myeloma – Update From ASH and ASCO, Grand Rounds, Great Lakes Cancer Institute, McLaren Regional Cancer Center, Flint, MI	5/2010
Initial Management of Multiple Myeloma, Fellowship Lecture Series, Beaumont Hospital, Royal Oak, MI	2/2010
Diagnosis and Initial Management of Multiple Myeloma, Lecturer Grand Rounds, Bixby Medical Center, Adrian, MI	12/2009
Management and Diagnosis of Myeloma, Lecturer, Walter Reed Army Medical Center (IMER), Washington, DC	10/2009
Diagnosis and Management of Multiple Myeloma, Lecturer, Grand Rounds, VA, Saginaw, MI	10/2009
Update on Initial Myeloma Therapy. Lecturer Hem/Onc Grand Rounds, St. Joseph, Ann Arbor, MI	10/2009
Multiple Myeloma: Update on Initial Management Options. Lecturer Hem/Onc Grand Rounds, Boston University Medical Center, Boston, MA	9/2009
Newer Approaches in the Treatment of Multiple Myeloma: Updates from the Annual Hematology Meeting, Lecturer, Western Michigan Regional Cancer Center, Free Soil, MI	3/2007
Update on Initial Therapy of Myeloma, Lecture, Beaumont Hospital Grand Rounds, Royal Oak, MI	12/2006

Thrombotic Complications of Myeloma Therapy, Lecture, American Society of Hematology Annual Meeting Education Session, Orlando, FL	12/2006
National and Regional Clinical Research Directions in Multiple Myeloma, Lecture, Van Andel Research Institute, Grand Rapids, MI	9/2006
The Emerging Role of IMiDs in the Treatment of Multiple Myeloma, Lecture, Cleveland Clinic Foundation. Cleveland, OH	8/2005
Update in Lymphoma, Leukemia, and Myeloma. Mercy Anderson Hospital Oncology Grand Rounds, Cincinnati, Ohio	10/2001
Biology and Diagnosis of Multiple Myeloma, Lecture, "Breakfast with the Professor Series," St. Joseph Mercy Hospital, Pontiac Michigan	11/1/01

### **Manuscript Reviewer**

• Annals of Hematology	2005, 2014
• Clinical Cancer Research	2005
• American Journal of Hematology	2005
• Blood	2002
• Hospital Physician	2006
• Mayo Clinic Proceedings	2005
• Drugs	
• Leukemia	

### **Course or Curriculum Development**

Coordinator, Hematology Curriculum Revision	2000-2001
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### **GRANTS, CONTRACTS, AND OTHER FUNDING**

2014-011 Triphase - A Phase 1, Multicenter, Open-Label, Dose-Escalation Combination Study of Pomalidomide, Marizomib, and Low-dose Dexamethason (PMD) in Subjects with Relapsed or Refractory Multiple Myeloma. (Budget \$76,148.80)	2014-2017
2013-037 Onyx - Phase 1b/2, Multicenter, Open-Label Study of Oprozomib and Dexamethasone in Patients with Relapsed and/or Refractory Multiple Myeloma (Budget \$520,353.60)	2013-2015
2013-124 Onclave - A Phase I, Open Label, Dose Escalation Study of Intravenous Administration of Single Agent NEOD001in Subjects with Light Chain (AL) Amyloidosis (Budget \$139,360.00)	2014-2017

2013-131 ARRAY - A Multicenter, Randomized, Open-label, Phase 2 Study of Carfilzomib With or Without ARRY-520 in Patients With Advanced Multiple Myeloma (Budget \$158,526.50)	2013-2016
2013-179 Alnylam - A Phase 3 Multicenter, Multinational, Randomized, Double blind, Placebo-controlled Study to Evaluate the Efficacy and Safety of Patisiran (ALN-TTR02) in Transthyretin (TTR)-Mediated Polyneuropathy (Familial Amyloidotic Polyneuropathy-FAP) (Budget \$191,120.00)	2014-2017
2012-054 Emory University - A Phase I study of Ganetespib+/- Bortezomib in Patients with Relapsed and/or Refractory Multiple Myeloma (Budget \$216,500.00)	2012-2015
2012-086 Millennium -Phase 3, Randomized, Controlled, Open-label, Multicenter, Safety and Efficacy Study of Dexamethasone Plus MLN9708 or Physician's Choice of Treatment Administered to Patients With Relapsed or Refractory Systemic Light Chain (AL) Amyloidosis (Budget \$206,759.00)	2012-2015
2011-193 Amgen - A Randomized, Double-Blind, Multicenter Study of Denosumab Compared With Zoledronic Acid (Zometa) in the Treatment of Bone Disease in Subjects with Newly Diagnosed Multiple Myeloma (Budget \$461,086.00)	2012-2015
2011-155 Celgene - Phase I Study of Pomalidomide, Bortezomib, and Dexamethasone (PVD) as First-Line Treatment of AL Amyloidosis or Light Chain Deposition Disease A multi- center investigator initiated study supported by Celgene (Budget \$317,973.60)	2013-2015
2012-070 Array - A Phase 1 Study of ARRY-520 and Bortezomib Plus Dexamethasone in Patients with Relapsed/Refractory Multiple Myeloma (Budget \$199,965.35)	2012-2015
2012-122 University of Chicago - Multicenter, Open-label, Single-arm, Phase 1b/2 Study of the Safety and Efficacy of Combination Treatment with Pomalidomide, Dexamethasone, and Carfilzomib (PdC) in Subjects with Relapsed and Relapsed/Refractory Multiple Myeloma (Budget \$97,500.00)	2013-2015
2012-097 Columbia University - Phase II Study of the Combination of Bendamustine and Dexamethasone in Patients with Relapsed AL Amyloidosis - Principal Investigator - Columbia University Medical Center Institutional (Budget \$48,173.00)	2013-2016

2011-099 – MMRF A Prospective, Longitudinal, Observational Study in Newly Diagnosed Multiple Myeloma (MM) Patients to Assess the Relationship between Patient Outcomes, Treatment Regimens and Molecular Profiles (Budget \$90,300.00)	2011-2015
2011-097 BMS - A Phase 1b Study of Elotuzumab in Combination with Lenalidomide and Dexamethasone in Subjects with Multiple Myeloma and Normal Renal Function, Severe Renal Impairment or end Stage Renal Disease Requiring Dialysis (Budget \$54,043.00)	2011-2015
2010-108 Millennium/Takeda- An Open-Label, Dose-Escalation, Phase 1 Study of the Oral Formulation of MLN9708 Administered Weekly in Adult Patients With Relapsed or Refractory Light-Chain (AL) Amyloidosis Who Require Further Treatment: (Budget \$117,158.00)	2011-2015
2010-106 – Dana Farber - A Randomized Phase III Study Comparing Conventional Dose Treatment Using a Combination of Lenalidomide, Bortezomib and Dexamethasone (RVD) to High-Dose Treatment with Peripheral Stem Cell Transplant in the Initial Management of Myeloma in Patients up to 65 Years of Age (Budget \$50,000)	2010-2015
2010-077 Novartis - A Phase II, Multi-center, Single Arm, Open Label Study of Panobinostat in Combination with Bortezomib and Dexamethasone in Patients with Relapsed and Bortezomib Refractory Multiple Myeloma (Budget \$169,787.00)	2010-2015
2009-146: Abbott Laboratories: HuLuc63-1703: A Phase 1/b2 Multicenter, open Label, Dose-escalation Study of Elotuzumab (Humanized Anti-CS1 Monoclonal IgG1 Antibody) In Combination with Lenalidomide and Dexamethasone in Subjects with Relapsed Multiple Myeloma (Budget: \$178,269)	2010-2016
2009-115: Array Biopharma A Phase 1/2 Study of ARRY-520 in Patients with Relapsed or Multiple Myeloma (Budget: \$105,310)	2009-2015

2008-122 Pfizer Phase 1/2 open-label study of the safety and efficacy of PD 0332991 in combination with bortezomib and dexamethasone in patients with refractory multiple myeloma (Budget 119,338.53)	2009-2013
2008-124 Geron - A Phase I study of GRN163L in combination with Bortezomib and Dexamethasone in patients with relapsed or refractory multiple myeloma (Budget \$191,000.00)	2009-2011
2008-067 Kyowa- Open-Label, Multi-Center, Dose Escalation Phase 1/2 Study of Anti-GM2 Ganglioside Monoclonal Antibody BIW-8962 as Monotherapy in Subjects with Previously Treated Multiple Myeloma. (Budget 216,000.00)	2008-2011
2008-066 - University of Pittsburgh: Phase I Study of Bendamustine in Combination with Lenalidomide (CC- 501 3) and Dexamethasone in Patients with Refractory or Relapsed Multiple Myeloma (Budget \$49, 807)	2008-2014
2008-065 Proteolix: An Open-label, Single-arm, Phase 2 Study of Carfilzomib in Patients with Relapsed and Refractory Multiple Myeloma (Budget \$151,603.00)	2008-2012
2008-058 Proteolix: Phase 1b Study of the Safety and Pharmacokinetics of Carfilzomib in Subjects with Relapsed refractory Multiple Myeloma and Various Degrees of Renal Dysfunction (Budget \$400, 296)	2008-2011
2007-081 Seattle Genetics A Phase I Study of SGN-40 (anti-huCD40 mAb), Lenalidomide (Revlimid®, cc-5013) and Dexamethasone in Patients with Multiple Myeloma (MM) Budget \$97,788	2007-2010
2006-132 Investigator Initiated Study supported by Millennium - A Multicenter Phase II Trial of Bortezomib (Velcade), Melphalan, and Dexamethasone (V-MD) in Patients with Symptomatic AL-Amyloidosis or Light Chain Deposition Disease. (Budget \$336,200.00)	2007-2015
2968 Kyphon. CAFÉ study: Cancer patient Fracture Evaluation. \$63,739.00	2006-2008
2704 Celgene - An Open-Label, Single-Arm Study of the Safety and Efficacy of CC-5013 Monotherapy for Subjects with Multiple Myeloma: A Companion Study for Studies THAL-MM-003, CC-5013-MM-009, and CC-5013-MM-010 (Budget \$53,848.00)	2004-2006
D2869 Investigator initiated protocol - Cell Therapeutics/Cephalon. VTD + Arsenic Trioxide and Ascorbic Acid for relapsed/refractory myeloma. (Budget \$202,512.00)	2004-2007
Z-2614 Celgene. A Multicenter Randomized, Parallel-Group, Double-Blind, Placebo-Controlled Study of CC-5013 Plus Dexamethasone versus	2004-2006

Dexamethasone alone in Previously treated Subjects with Multiple Myeloma. (Protocol Z-2614), \$72,588.00

Novartis. Two Stage Phase II Study of ST1-571 for Patients with Relapsed or Refractory Multiple Myeloma Expressing CD117. Budget \$72,684.00, 2001-2004

Genta, Inc. Randomized Phase III Study of Dexamethasone with or without Genasense in Patients with Relapsed or Refractory Multiple Myeloma (Protocol GMY302), (Budget \$13,200.00) 2001-2003

### **OTHER RESEARCH ACTIVITIES**

S1211 A Randomized Phase I/II Study of Optimal Induction Therapy of Bortezomib, Dexamethasone and Lenalidomide with or without Elotuzumab (NSC-764479) for Newly Diagnosed High Risk Multiple Myeloma –Principal Investigator 2013

2012-033 Ancillary Tissue Collection and Use of Multiple Myeloma Blood and Bone Marrow Samples - Principal Investigator- Multiple Myeloma Research Foundation (MMRF) 2013

S0833 "Modified Total Therapy 3 (TT3) for Newly Diagnosed Patients with Multiple Myeloma (MM): A Phase II SWOG Trial for Patients Ages  $\leq$  65 Years 2013

E4A08 A Randomized Phase III Trial of Melphalan and Dexamethasone (MDex) versus Bortezomib, Melphalan, and Dexamethasone (BMDex) for Untreated Patients with Systemic Light-chain (AL) Amyloidosis Ineligible for Autologous Stem-cell Transplantation **Local PI.** 2013

MMRC Site Investment Grant \$90,000 2013

MMRC Site Investment Grant \$40,000 2012

McCarty and McDevitt Myeloma Foundation: Program Research Grant: \$ 40,020 2013

McCarty Cancer Foundation. Multiple Myeloma Program Research Grant to support Molecular Mechanisms for AMPK-regulated Bortezomib Sensitivity/Resistance of Multiple Myeloma cells (Total budget \$60,000.00) 2012

McCarty Cancer Foundation. Multiple Myeloma Program Research Grant. \$50,000 to support Animal Testing for Selective Targeting of Mcl-1 Induces Myeloma Cell Death Alone and Synergistically with Proteasome Inhibitors 2012

2011-021 - University of Southern California, A Genome Wide Admixture Scan of Multiple Myeloma in African Americans. Grant # 1 RO1 CA134786-01A2 (Budget \$367,270.00)	2010-2014
Karmanos Strategic Research Initiative Grant to support “ HU-Luc Bispecific Antibody Project” Budget \$100,000.00	2009
McCarty Foundation Research Grant \$30,000 to support the project “Clinical and Biologic Evaluation of Polyphenon E in Plasma Cell Dyscrasias, Pilot Study” - (Clinical Protocol 2009-015)	2009
The Leukemia & Lymphoma Society. Pre-targeting of Myeloma Stem Cells to Boost post SCT Anti-Myeloma Immunity.(Budget \$600,000.00)	2009
McCarty Cancer Foundation. Multiple Myeloma Program Research Grant. \$127,000.Grant award intended to foster collaborative clinical research in the Great Lakes region, and partially support a one-day clinical myeloma symposium in Detroit, MI	2006
DMCIOAD Grant. Identification of M-protein epitopes from the sera of patients with multiple myeloma using phage-display library technology. \$25,000.00	2004
SWOG: S0777A Randomized Phase III Trial of CC-5013 (Lenalidomide, NSC-703813) and Low Dose Dexamethasone (LLD) Versus Bortezomib (PS-341, NSC - 681239), Lenalidomide and Low Dose Dexamethasone (BLLD) for Induction, in Patients with Previously Untreated Multiple Myeloma Without an Intent for Immediate Autologous Stem Cell Transplant	2008
2009-057 Phase II Trial of cdk Inhibitor SCH 727965 in Multiple Myeloma (P2C# MC0888, NCI# 8288)	2009
2008-068 P2C: A Phase I/II Trial of Obatoclax Mesylate (GX15-070MS) in Combination with Bortezomib for the Treatment of Relapsed Multiple Myeloma. <b>Budget</b> (\$277,200)	2008
<b>National Study Coordinator</b> (PI) for SWOG Study S0232. Dexamethasone +/- CC-5013 for Patients with newly diagnosed Multiple Myeloma	2003-2008
<b>2012-033</b> Ancillary Tissue Collection and Use of Multiple Myeloma Blood and Bone Marrow Samples - Principal Investigator- Multiple Myeloma Research Foundation (MMRF)	2012

**PUBLICATIONS - PEER REVIEWED**



## ORIGINAL OBSERVATIONS

1. A phase II trial of BAY 43-9006 (sorafenib) (NSC-724772) in patients with relapsing and resistant multiple myeloma: SWOG S0434. Srkalovic G, Hussein MA, Hoering A, **Zonder JA**, Popplewell LL, Trivedi H, Mazzone S, Sexton R, Orłowski RZ, Barlogie B. *Cancer Med*. 2014 Jun 10. doi: 10.1002/cam4.276. [Epub ahead of print]
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  26. Niesvizky R, Lentzsch S, Badros AZ, Chanan-Khan AA, Singhal SB, **Zonder JA**, Vij R, Huang X, DiLiberto M, Courtney R, Shaik MN, Kim ST, Randolph S, Ely SA, Chen-Kiang S. A Phase I Study of PD 0332991: Complete CDK4/6 Inhibition and Tumor Response In

- Sequential Combination with Bortezomib and Dexamethasone for Relapsed and Refractory Multiple Myeloma. *Blood* (ASH Annual Meeting Abstracts), Nov 2010; 116: 860. (ORAL PRESENTATION)
27. Shah JJ, **Zonder JA**, Cohen A, Weber D, Thomas S, Wang M, Kaufman JL, Burt SM, Walker D, Freeman B, Rush SA, Ptaszynski A, Orłowski RZ, Lonial S. A Phase I/II Trial of the KSP Inhibitor ARRY-520 In Relapsed/Refractory Multiple Myeloma. *Blood* (ASH Annual Meeting Abstracts), Nov 2010; 116: 1959. (POSTER SESSION)
  28. Singhal SB, diCapua Siegel DS, Martin T, Vij R, Wang M, Jakubowiak AJ, Lonial S, Kukreti V, **Zonder JA**, Wong AF, McCulloch L, Kauffman M, Badros AZ, Niesvizky R, Orłowski RZ, Stewart AK, Jagannath S. Pooled Safety Analysis From Phase (Ph) 1 and 2 Studies of Carfilzomib (CFZ) In Patients with Relapsed and/or Refractory Multiple Myeloma (MM). *Blood* (ASH Annual Meeting Abstracts), Nov 2010; 116: 1954. (INVITED SCIENTIFIC PROGRAM)
  29. Martin T, Singhal SB, Vij R, Wang M, Stewart AK, Jagannath S, Lonial S, Jakubowiak AJ, Kukreti V, Bahlis NJ, Alsina M, Chanan-Khan AA, Somlo G, Buadi F, Reu FJ, **Zonder JA**, Song K, Stadtmauer EA, Wong AF, Vallone M, Chang Y, Kauffman M, Orłowski RZ, diCapua Siegel DS. Baseline Peripheral Neuropathy Does Not Impact the Efficacy and Tolerability of the Novel Proteasome Inhibitor Carfilzomib (CFZ): Results of a Subset Analysis of a Phase 2 Trial In Patients with Relapsed and Refractory Multiple Myeloma (R/R MM). *Blood* (ASH Annual Meeting Abstracts), Nov 2010; 116: 3031. (POSTER SESSION)
  30. Gasparetto C, Sanchorawala V, Snyder RM, Matous J, Terebelo HR, Janakiraman N, Mapara MY, Webb C, Abrams J, **Zonder JA**; Use of melphalan (M)/dexamethasone (D)/bortezomib in AL Amyloidosis – ASCO. Abstract. 2010 ASCO Annual Meeting *J Clin Oncol* 28:15s, 2010 (suppl: abstr 8024)
  31. Badros AZ, Vij R, Martin T, **Zonder JA**, Wong AF, Woo T, Boussina K, Wang Z, Niesvizky R. Phase II study of carfilzomib in patients with relapsed/refractory multiple myeloma and renal insufficiency – ASCO. Abstract. 2010 ASCO Annual Meeting *J Clin Oncol* 28:15s, 2010 (suppl: abstr 8128)
  32. Shah JJ, Cohen AD, **Zonder JA**, Kaufman JL, Burt SM, Freeman BB, Rush S, Ptaszynski AM, Orłowski RZ, Lonial S. Phase I trial of ARRY-520 in relapsed/refractory multiple myeloma (RR MM). Abstract. 2010 ASCO Annual Meeting *J Clin Oncol* 28:15s, 2010 (suppl: abstr 8132)
  33. Richardson P, Wolf JL, Jakubowiak A, **Zonder JA**, Lonial S, Irwin DH, Krishnan A, Densmore J, Raje N, Bar MH, Schlossman RL, Ghobrial I, Munshi NC, Martin T, Laubach J, Allerton JP, Hideshima T, Gardner L, Sportelli P, Anderson KC. Perifosine in Combination with Bortezomib and Dexamethasone Extends Progression-Free Survival and Overall Survival in Relapsed/Refractory Multiple Myeloma Patients Previously Treated with Bortezomib: Updated Phase I/II Trial Results. *Blood* (ASH Annual Meeting Abstracts, poster session), Nov 2009; 114: 1869.
  34. Badros AZ, Vij R, Martin T, **Zonder JA**, Woo T, Wang Z, Lee S, Wong A, Niesvizky R. Phase I Study of Carfilzomib in Patients (Pts) with Relapsed and Refractory Multiple Myeloma (MM) and Varying Degrees of Renal Insufficiency. *Blood* (ASH Annual Meeting Abstracts, poster session), Nov 2009; 114: 3877.
  35. Lentzsch S, O'Sullivan A, Lalo S, Kruppa C, Gardner D, Kennedy RC, Burt S, Mapara MY, Redner R, Roodman D, Volkin RL, **Zonder JA**. A Phase I Study of Bendamustine Combined with Lenalidomide and Dexamethasone in Patients with Refractory or Relapsed



- Multiple Myeloma. Blood (ASH Annual Meeting Abstracts, poster session), Nov 2009; 114: 1856.
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  37. Berenson JR, Pflugmacher R, Jarzem P, **Zonder JA**, Tillman JB, Ashraf T, Vrionis FD. Final Results of the First Randomized Trial Comparing Balloon Kyphoplasty (BKP) to Non-Surgical Management Among Cancer Patients with Vertebral Compression Fractures: Marked Improvement in Back Function, Quality of Life and Pain in the BKP Arm. Blood (ASH Annual Meeting Abstracts, poster session), Nov 2009; 114: 2873.
  38. Agura E, Niesvizky R, Matous J, Munshi N, Hussein M, Parameswaran RV, Tarantolo S, Whiting NC, Drachman JG, **Zonder JA**. Dacetuzumab (SGN-40), Lenalidomide, and Weekly Dexamethasone in Relapsed or Refractory Multiple Myeloma: Multiple Responses Observed in a Phase 1b Study. Blood (ASH Annual Meeting Abstracts, poster presentation), Nov 2009; 114: 2870.
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  40. Valent J, Tajeja N, **Zonder JA**, Manasa R, Abrams J, Avila T, Abidi MH. Influence of Prior Lenalidomide Exposure On Peripheral Blood Progenitor Cell Mobilization for Autologous Stem Cell Transplant in 144 Consecutive Patients with Multiple Myeloma. Blood (ASH Annual Meeting Abstracts, poster session), Nov 2009; 3223
  41. Vrionis F, Tillman J, Hussein M, Pflugmacher R, Jarzem P, **Zonder J**, Berenson J. Balloon Kyphoplasty Improves Roland-Morris Disability Scores and Bone pain Among Cancer Patients with Vertebral Compression Fractures: Interim analysis from a Phase IV Randomized Trial. The Spine Journal October 2009 (Vol 9, Issue 10, Supplement, Pages 18S-19S) Presented at the 2009 NASS Meeting)
  42. **Zonder J**, et al. A Multi-center Phase II Trial of Melphalan, Prednisone, and Bortezomib for Primary Systemic Amyloidosis. 12<sup>th</sup> International Myeloma Workshop, Washington, D.C., February 2009. (Accepted for poster presentation).
  43. **Zonder J**, Singhal S, Bensinger W, Mohrbacher A, Hussein MA, Munshi NC, Caras I, Singhal A, van Rhee F. Phase I Study of Elotuzumab (HuLuc63) in Relapsed/Refractory Multiple Myeloma. 2008 ASH Annual Meeting, ACCEPTED for Poster Presentation, San Francisco, CA
  44. Richardson JG, Wolf J, Jakubowiak A, **Zonder J**, Lonial S, Irwin D, Densmore J, Krishnan A, Raje N, Bar M, Schlossman R, Ghobrial I, Munshi N, Laubach J, Allerton J, Colson K, Dean D, Tocco D, Steinfield E, Kendall T, O'Riley K, Hideshima T, Sportelli P, Gardner L, Anderson KC. Phase I/II Results of Multicenter Trial of Perifosine (KRX-0401) + Bortezomib in Patients with Relapsed or Relapsed / Refractory Multiple Myeloma who were Previously Relapsed from or Refractory to Bortezomib. 2008 ASH Annual Meeting, ACCEPTED for Oral Presentation, San Francisco, CA
  45. **Zonder JA**, Crowley J, Hussein MA, Bolejack V, Moore DF, Whittenberger BF, Abidi

- MH, Durie BGM, Barlogie B. Superiority of Lenalidomide (Len) Plus High-dose Dexamethasone (HD) Compared to HD Alone as Treatment of Newly-Diagnosed Multiple Myeloma (NDMM): Results of the Randomized, Double-Blinded, Placebo-Controlled SWOG Trial SO232. ASCO Proceedings (ASCO Annual Meeting Abstracts), May 2008; (oral presentation)
46. **Zonder JA**, Crowley J, Hussein MA, Bolejack V, Moore DF, Whittenberger BF, Abidi MH, Durie BGM, Barlogie B. Superiority of Lenalidomide (Len) Plus High-dose Dexamethasone (HD) Compared to HD Alone as Treatment of Newly-Diagnosed Multiple Myeloma (NDMM): Results of the Randomized, Double-Blinded, Placebo-Controlled SWOG Trial SO232. *Blood* (ASH Annual Meeting Abstracts), Nov 2007; 110: 77. (Oral Presentation)
  47. Richardson P, Jakubowiak A, Wolf J, Allerton J, **Zonder J**, et al. Phase I/II Report from a Multicenter Trial of Perifosine (KRX-0401) + Bortezomib in Patients with Relapsed or Relapsed/Refractory Multiple Myeloma Previously Treated with Bortezomib. American Society of Hematology Meeting, Atlanta, GA, 2007: 1170 (accepted for poster presentation)
  48. Bensinger W, **Zonder J**, et al. Phase I Trial of HuLuc63 in Multiple Myeloma. American Society of Hematology Meeting, Atlanta, GA, 2007: 1180 (accepted for poster presentation)
  49. **Zonder JA**, Barlogie B, Durie BGM, McCoy J, Crowley J, Hussein MA. Thrombotic complications in patients with newly diagnosed Multiple Myeloma treated with Lenalidomide and Dexamethasone: benefit of aspirin prophylaxis. *Blood* 2006; volume 108, number 1, July 2006.
  50. Mohamed AN, Pemberton P, **Zonder JA**, Homisha S, Schiffer CA. The effect of Gleevec (STI571) in patients with Philadelphia chromosome positive (Ph+) chronic myelogenous leukemia with secondary chromosomal aberrations. *Blood* 1998; 98(11) 560a (suppl).
  51. **Zonder JA**, Durie BGM, McCoy J, Crowley J, Zeldis JB, Ghannam L, Barlogie B. High Incidence of Thrombotic Events Observed in Patients Receiving Lenalidomide (L) + Dexamethasone (D) (LD) as First-Line Therapy for Multiple Myeloma (MM) Without Aspirin (ASA) Prophylaxis. American Society of Hematology Meeting, Atlanta, GA, 2005 (accepted for poster presentation).
  52. **Zonder JA**, Tainsky MA, Stone MJ, Konduri K, Oliver J, Ratner S. Identification of M-protein epitopes from the sera of patients with multiple myeloma using phage-display library technology. American Society of Clinical Oncology Meeting, Orlando, FL. 2005
  53. Simposio Internacional sobre Novos Avancos no Diagnostico e Tratamento de Tumores (International Symposium in New Advances in Diagnostic Treatment of Tumors): Imatinib Mesylate Advancing Treatment of GIST. Sponsored by Universidade Estadual Paulista, Botucato, Brazil, March 2004.
  54. Cancer Center of Ceara: Advances in Multiple Myeloma; Myelodysplastic Syndrome; CML in the Era of Imatinib. Fortaleza, Brazil, March 2004.
  55. Medical Oncology Society Meeting, Advances in Multiple Myeloma; Myelodysplastic Syndrome; CML in the Era of Imatinib. Curitiba, Brazil, March 2004.
  56. Vishnubhotla P, Abella E, Dansey R, Klein J, Akhtar A, Peres EM, Smith DW, Heilbrun LK, **Zonder J**, Abidi MH. Evaluation of race as a prognostic factor in multiple myeloma patients undergoing autologous stem cell transplantation. ASH Annual Meeting, San Diego, CA, 2003.
  57. Locke F, Ramappa P, **Zonder JA**. Cranial nerve deficits from plasmacytomas in a case of multiple myeloma. Society for General Internal Medicine Annual Meeting, 2003.
  58. Alousi AM, Klein JL, Hamm C, Dansey RD, Abella E, **Zonder J**, Dudley A, Baynes RD.

- (1719) Myelo-ablative conditioning with busulphan, cyclophosphamide and cytarabine for AML and MDS followed by allogeneic transplantation. ASH Annual Meeting, Orlando, FL 2001.
59. Mohamed AN, Pemberton P, **Zonder JA**, Homisha S, Schiffer CA. The effect of Gleevec (STI571) in patients with Philadelphia chromosome positive (Ph+) chronic myelogenous leukemia with secondary chromosomal aberrations. ASH Annual Meeting, Orlando, FL 2001.
60. **Zonder JA**, Karanes C, Brandt H, Pemberton P, Moreland K, Resta D, Schiffer CA. Myelosuppression and Cytogenetic Responses to STI-571, an inhibitor of the BCR-ABL tyrosine kinase, in patients with chronic phase CML. Presented at ASCO Annual Meeting, San Francisco, CA 2001.
61. **Zonder JA**, LoRusso P, Heilbrun L, Flaherty LE. Phase II Trial of Weekly Paclitaxel as 2<sup>nd</sup> Line Treatment of Metastatic Malignant Melanoma (MMM). Presented at ASCO Annual Meeting, New Orleans, LA 2000.

### **ELECTRONIC PUBLICATIONS**

1. **Zonder JA**, Schiffer CA. Autoimmune Complications of Chemotherapy. UpToDate, 2006
2. **Zonder JA**, Schiffer CA. Thrombotic Complications of Therapy with Thalidomide and Analogues. UpToDate, 2006
3. **Amyloid Planet** blog (<http://www.amyloidplanet.com>)

### **PUBLISHED ARTWORK**

1. Cover for Faubel, Topf. The Acid-Base and Electrolyte Companion, 1999.
2. Cover for Gallia, Hann and Hewson. The Pharmacology Companion, with J. Dwoskin, 1996.
3. Cover for Topf, Faubel. The Microbiology Companion, with J. Dwoskin, 1994.
4. Cover for Pulse in JAMA, Jan 5, 1994; vol. 271 no. 1; 77
5. Cover for Pulse in JAMA, Mar 3, 1993; vol. 269 no. 9; 1181
6. Cover for Pulse in JAMA, Sept 2, 1992; vol. 268 no. 9; 1187

### **Invited Lectures/Presentations**

#### International/National

1. “Leukemia/Lymphoma/Myeloma” Interpreting Clinical Data: June 21, 2014  
Highlights from ASCO 2014. The Henry, Dearborn, MI
2. Debate: “Frontline therapy for transplant-eligible myeloma”; Session April 25, 2014  
I: Plasma Cell Disorders. Great Debates & Updates in Hematologic Malignancies. New York, NY

3. Debate: “Of the following frontline options for transplant-ineligible multiple myeloma, which would you recommend?” Session I: Plasma Cell Disorders. Great Debates & Updates in Hematologic Malignancies. New York, NY April 25, 2014
  4. “Approach to Relapsed/Refractory Multiple Myeloma”. Hematology Oncology Grand Rounds, Windsor Regional Cancer Center. Windsor, ON Canada April 11, 2014
  5. “Practical Approaches to Amyloidosis”. Practical and Emerging Trends in Multiple Myeloma: 1<sup>st</sup> Annual Global Summit on Multiple Myeloma. March 27 – March 31, 2014. Whistler, British Columbia Canada March 28, 2014
  6. “Multiple Myeloma.” Research to Practice Year in Review Program. Dallas, TX November 5, 2013
  7. “Lenalidomide plus Dexamethasone for High-Risk Smoldering Multiple Myeloma.” Research to Practice Year in Review Program. New York, NY October 5, 2013
  8. “Frontline Therapy or Relapsed/Refractory”, Clinical Insights in Multiple Myeloma Patient and Caregiver Symposium. Multiple Myeloma Research Foundation (MMRF), Tysons Corner, VA September 21, 2013
  9. “Myeloma Bone Disease.” Myeloma Canada National Conference, Ottawa Canada July 13, 2013
  10. “Amyloidosis.” Myeloma Canada National Conference, Ottawa Canada July 13, 2013
  11. “The Role of Maintenance in Myeloma: A Debate.” Myeloma Canada National Conference, Ottawa Canada July 13, 2013
- Local/Regional
1. “Myeloma.” Congdon Lecture Series. Genesys Regional Medical Center. Grand Blanc, MI April 9, 2014
  2. “Recent Advances in the Treatment of Multiple Myeloma.” Internal Medicine Grand Rounds. Wayne State School of Medicine. Detroit, MI. January 27, 2014
  3. “Myeloma.” Great Lakes Blood Cancer Conference, Somerset Inn, Troy MI November 16, 2013
  4. “Diagnosis and Prognosis of Myeloma MGUS and Amyloidosis, May 4, 2013

- Pathologic and Cytogenetic Consideration.” Michigan Society of Pathology 2013 Spring Conference. Dearborn Inn, Dearborn MI
5. “Treatment of Multiple Myeloma Bone Disease – Point/Counterpoint.” Advances in Treatment of Cancer Related Bone Disease 2013. Somerset Inn in Troy, Troy MI April 20, 2013
  6. Panel Discussion. Advances in Treatment of Cancer Related Bone Disease 2013. Somerset Inn in Troy, Troy MI April 20, 2013
- “Optimizing Care for Patients with Relapsed/Refractory Multiple Myeloma”, Dallas, TX 10/2012
- “Optimal Treatment of Relapsed and Refractory Multiple Myeloma”, Multiple Myeloma: Case Based Workshop with the Experts, Bay City, MI 9/2012
- “Optimal Treatment of Relapsed and Refractory Multiple Myeloma”, Multiple Myeloma: Case Based Workshop with the Experts, Monongahela Valley Hospital, Monongahela, PA 7/2012
- “Optimizing Care for Patients with Relapsed/Refractory Multiple Myeloma”, Grand Rounds Atrium Medical Center, Middleton, OH 7/2012
- “What is the best induction regimen for intermediate and high risk SCT – eligible patients Zonder – CyBorD” Great Debates and Updates in Hematologic Malignancies, New York, NY 4/2012
- “How I Manage - Use of Cytogenetics and Genomics Profiling in Myeloma”, Great Debates and Updates in Hematologic Malignancies, New York, NY 4/2012
- “Rounds with Investigators: Clinical Investigators Provide Their Perspectives on Actual Cases of Patients with Multiple Myeloma” Miami Conference, Miami, FL 4/2012
- “Plasma Cell Dyscrasias”, ASH Review, Dearborn, MI 1/2012
- How I Manage Vertebral Fractures in Myeloma. Great Debates and Updates in Hematologic Malignancies, New York, NY 04/2011
- Update on Management of Amyloidosis. Saudi Hematologic Malignancies Conference, Saudi Arabia 03/2011
- Nontransplant Therapy of Myeloma, Saudi Hematologic Malignancies Conference, Saudi Arabia 03/2011

15th Annual International Congress on Hematologic Malignancies Whistler, BC, Canada	02/2011
MSHO Board Review, Myeloma and Lymphoma. Lecturer, Detroit, MI	01/2011
Bortezomib Containing Combinations of Treatment of AL Amyloidosis, Amyloidosis Foundation Roundtable, Boston, MA	11/2010
Clinical Use of Green Tea Extract –EGCG in MGUS, Duke Debate, Asheville, NC	10/2010
How I Treat Relapsed Multiple Myeloma, Lecturer, 14 <sup>th</sup> Annual International Congress on Hematologic Malignancies, Whistler, B.C, Canada	3/2010
Timing of the Use of Stem Cell Transplant in Multiple Myeloma, Controversies in Hematologic Malignancies, Duke Debate: Assigned side: Delayed Transplant, Asheville, NC	1/2010
Debates in Hematology: Autologous Stem Cell Transplant in Myeloma, Early vs. Later. Assigned Side: Early. Speaker, 13 <sup>th</sup> Annual Fall Oncology Conference, Hilton Head, SC	10/2009
Duke Debates – Controversies in Hematologic Malignancies, Timing of Autologous Stem Cell Transplant in Myeloma, Assigned Side: Delayed Transplant. Speaker (Invited) Asheville, NC	5/2009
Duke Debate – Controversies in Hematologic Malignancies: Timing of Autologous Stem Cell Transplant in Myeloma, Assigned Side: Delayed Transplant. Speaker (Invited) Orlando, FL	3/2009
Emerging Agents for Multiple Myeloma: Novel Immunomodulatory Agents, Speaker (invited) 13 <sup>th</sup> Annual International Congress on Hematologic Malignancies, Whistler, B.C, Canada	2/2009
Emerging Agents for Multiple Myeloma: HSP90 Inhibitors, Speaker (invited) 13 <sup>th</sup> Annual International Congress on Hematologic Malignancies, Whistler, B.C, Canada	2/2009
MSHO ASH Update, Update on Lymphoma from ASH 2008, Speaker (Invited) Dearborn, MI	1/2009
Management of Therapy Related Toxicities in Multiple Myeloma, Speaker (Invited), ASH Corporate Friday Symposium, San Francisco, CA	12/2008

Incorporating Novel Drugs Into the Up-front Treatment of Multiple Myeloma, Lecturer, Blue Cross Blue Shield, Newark, NJ	11/2008
MSHO Board Review, Multiple Myeloma and Lymphoma, Speaker, Novi, MI	10/2008
The Evolving Landscape of Myeloma Therapy, Lecturer, Myeloma and Lymphoma Symposium: Exploring the Spectrum of Immunomodulatory Therapy in Hematologic Malignancies, New York, NY	10/2008
Roadmap to the Treatment of Multiple Myeloma, Lecturer, "Update on Treatment of Myeloma", Detroit, MI	6/2008
Incorporating Immunomodulatory Drugs into the Initial Therapy of Multiple Myeloma, Presentation, BCBSM, Southfield, MI	5/2008
Principles of Myeloma Therapy, 4 <sup>th</sup> Annual Great Lakes Conference, Speaker, Leukemia and Lymphoma Society, Troy, MI	4/2008
Myeloma, Lecturer, MSHO ASH Review, Dearborn, MI	1/2008
Controversies in Hematological Malignancies, Lecturer, MSHO Debate, Petoskey, MI	10/2007
Roadmap to the Treatment of Multiple Myeloma, NMCR Faculty-Slide Development Meeting, New York, NY	2/2007
Lymphoma, Lecturer, MSHO ASH Review, Dearborn, MI	1/2007
Newer Approaches in the Treatment of Multiple Myeloma: Updates from the Annual Hematology Meeting, Lecturer, Freeland, MI	1/2007
Newer Approaches in the Treatment of Multiple Myeloma: Updates from the Annual Oncology Meeting, Lecture, Post ASCO Outreach Activity, Flint, MI	11/2006
Initial Treatment of Myeloma, Lecture, McCarthy Foundation – 1 <sup>st</sup> Great Lakes Myeloma Symposium, Dearborn, MI	11/2006
Updates on MDS, Lecture, Physician's Education Resource Conference: New Developments in Hematologic Malignancies, Dearborn, MI	10/2006
Newer Approaches in the Treatment of Multiple Myeloma: Updates from the Annual Oncology Meeting, Lecture, Post ASCO Outreach Activity, Louisville, KY	8/2006
Newer Approaches in the Treatment of Multiple Myeloma: Do	8/2006

Emerging Therapies Offer an Advantage?, Lecture, Post ASCO Outreach, Minneapolis, MN	
Initial Therapy and Supportive Care in Multiple Myeloma, Speaker, NMCR-Roadmap to the Treatment of Multiple Myeloma Meeting, Atlanta, GA	6/2006
Initial Therapy and Supportive Care in Multiple Myeloma, Speaker, NMCR-Roadmap to the Treatment of Multiple Myeloma Meeting, Chicago, IL	5/2006
Current Standards of Practice for Myeloma in the United States. Bristol-Myers Squibb Advisory Board Meeting, New York, NY	5/2006
Myeloma, Lecture, MSHO Annual ASH Review	1/2006
Lymphoma, Lecture, MSHO ASH Review, Dearborn, MI	1/2005
Overview of Myeloma, Leukemia, Myelodysplasia, and Aplastic Anemia. Michigan Society of Hematology-Oncology (MSHO) Board Review Course. Novi, Michigan	9/2004
Overview of Myeloma, Lecture, Leukemia Lymphoma Society Annual Blood Cancer Conference	9/2004
Imatinib Mesylate Advancing Treatment of GIST. Sponsored by Universidade Estadual Paulista, Botucato, Brazil. Simposio Internacional sobre Novos Avancos no Diagnostico e Tratamento de Tumores (International Symposium in New Advances in Diagnostic Treatment of Tumors): March 2004	3/2004
Cancer Center of Ceara: Advances in Multiple Myeloma; Myelodysplastic Syndrome; CML in the Era of Imatinib. Fortaleza, Brazil, March 2004	3/2004
Medical Oncology Society Meeting, Advances in Multiple Myeloma; Myelodysplastic Syndrome; CML in the Era of Imatinib. Curitiba, Brazil, March 2004	3/2004
Multiple Myeloma, Lecture, MSHO ASH Review, Dearborn, MI	1/2004
Impact of Imatinib on CML, Lecture, 3 <sup>rd</sup> Annual Great Lakes Oncology Symposium, Dearborn, MI	9/2003
Rationale for Investigating the use of Imatinib in Multiple Myeloma, Lecture, Blood Club of Southeastern Michigan, Southfield, MI	4/2003
Lymphoma, Lecture, MSHO ASH Review, Dearborn, MI	1/2003



Clinical Shadow Preceptorship, Undergraduate student, Wayne State University	2002
Multiple Myeloma, Lecture, MSHO ASH Review, Dearborn, MI	1/2002
Classification, Clinical Presentation and Treatment Principles of Malignant Lymphoid Disorders, Lecture, Mercy Physician Assistant Student Lectures, (2 hrs) University of Detroit	2001-2003