

## CURRICULUM VITAE

**April Zehm MD**

**Associate Professor  
Department of Medicine  
Division of Geriatric and Palliative Medicine**

### OFFICE ADDRESS:

Hub for Collaborative Medicine  
8701 Watertown Plank Road  
Milwaukee, WI 53226

### EDUCATION:

09/2002 - 05/2007 BS, University of Wisconsin--Madison, Madison, WI  
08/2007 - 05/2011 MD, University of Wisconsin School of Medicine & Public Health, Madison, WI

### POSTGRADUATE TRAINING AND FELLOWSHIP APPOINTMENTS:

07/2011 - 06/2014 Internal medicine resident, Department of Medicine, University of Wisconsin Hospital & Clinics, Madison, WI  
07/2014 - 06/2015 Clinical fellow, Palliative Care, Harvard Medical School/Massachusetts General Hospital/Dana-Farber Cancer Institute, Boston, MA  
12/2016 - 05/2017 Harvard Macy Institute Program for Educators in Health Professions Scholar, Department of Continuing Education, Harvard Medical School, Boston, MA  
11/2017 - 05/2019 Palliative Care Education and Practice Scholar, Harvard Medical School Center for Palliative Care, Boston, MA  
07/2020 - 06/2022 Kern Institute Kinetic3 Teaching Academy Medical Educator Scholar. Selected participant in two-year faculty development course in medical education, educational scholarship and leadership, Medical College of Wisconsin, Milwaukee, WI  
07/2020 - Present Kern Institute Kinetic3 Teaching Academy Selected Participant, MCW  
06/2023 - 02/2024 American Academy on Communication in Healthcare (ACH) Relationship-Centered Communication Train-the-Trainer (TTT) program, selected participate in year-long faculty development course in relationship-centered communication skills and teaching.

### FACULTY APPOINTMENTS:

07/2015 - 09/2019 Instructor, Department of Medicine, Harvard Medical School, Boston, MA  
12/2019 - 06/2021 Assistant Professor, Department of Medicine, Division of Hematology and Oncology, Medical College of Wisconsin, Milwaukee, WI  
07/01/2021 - Present Associate Professor, Medicine, Geriatric and Palliative Medicine, Medical College of Wisconsin, Milwaukee, WI

### EDUCATIONAL ADMINISTRATIVE APPOINTMENTS:

01/2017 - 09/2019 Assistant Director of Palliative Care Undergraduate Medical Education, Department of Medicine, Harvard Medical School, Boston, MA  
07/01/2022 - Present Communication Thread Director, MCWfusion Curriculum, Medical College of Wisconsin, Milwaukee, WI  
03/16/2023 - Present Early Clinical Course Director, CLIMB2, MCWfusion Curriculum, Medical College of Wisconsin, Milwaukee, WI

### HOSPITAL STAFF PRIVILEGES:

07/2015 - 09/2019 Per Diem Physician, Medicine, Brigham and Women's Hospital, 75 Francis Street, Boston, MA 02115

07/2015 - 09/2019 Per Diem Physician, Psychosocial Oncology & Palliative Care, Dana-Farber Cancer Institute, 450 Brookline Ave, Boston, MA 02115  
 07/2015 - 09/2019 Physician, Medicine, Palliative Care & Geriatric Medicine, Massachusetts General Hospital, 55 Fruit Street, Boston, MA 02114  
 07/2016 - 07/2018 Per Diem Physician, Care Dimensions Hospice, 75 Sylvan Street Ste B-102, Danvers, MA 01923  
 12/2019 - Present Physician, Froedtert Memorial Lutheran Hospital, 9200 W. Wisconsin Ave., Milwaukee, WI 53226

#### **SPECIALTY BOARDS AND CERTIFICATION:**

<u>Board Certified</u>	<u>Issue Date</u>	<u>Expiration</u>
Internal Medicine	10/2014	12/2024
Hospice & Palliative Medicine	12/2016	12/2026

<u>Certificates</u>	<u>Issued By</u>	<u>Issue Date</u>	<u>Expiration</u>
BLS	American Heart Association	07/2011	12/2023
ACLS	American Heart Association	07/2011	03/2021

<u>Licensure</u>	<u>Number</u>	<u>Issue Date</u>	<u>Expiration</u>
WI Medical License	59500-20	11/06/2012	10/31/2023
MA Medical License	258195	03/05/2014	06/02/2021

#### **AWARDS AND HONORS:**

2002 - 2006 Wisconsin Academic Excellence Scholarship  
 2002 - 2011 Dean's List  
 2002 University of Wisconsin College of Engineering General Scholarship, University of Wisconsin College of Engineering  
 2002 - 2006 National Alliance for Scholastic Achievement Scholarship  
 2002 - 2006 National Merit Scholarship  
 2007 Fred W. and Josephine H. Colbeck Engineering Scholarship, University of Wisconsin College of Engineering  
 2007 Steuber Prize for Excellence in Writing, University of Wisconsin College of Engineering  
 2008 - 2011 University of Wisconsin School of Medicine and Public Health Scholarship, University of Wisconsin School of Medicine and Public Health  
 2008 - 2009 General Medical Education Scholarship, Wisconsin Medical Society  
 2011 AOA induction, Alpha Omega Alpha Honor Medical Society  
 2019 Selected fellow (\$20K stipend), Harvard Medical School Academy Fellowship in Medical Education  
 2020 Fellow of the American Academy of Hospice and Palliative Medicine (FAAHPM)  
 2020 Outstanding Medical Student Teacher, Medical College of Wisconsin  
 2022 Best (first place) Innovations Poster Presentation at MCW's IHER conference for "Operation Conversation"  
 2024 AAHPM Emerging Leaders in Hospice and Palliative Medicine, American Academy of Hospice and Palliative Medicine

#### **MEMBERSHIPS IN HONORARY AND PROFESSIONAL SOCIETIES:**

2007 - 2014 American College of Physicians  
 2011 - Present Alpha Omega Alpha Medical Honor Society  
 2013 - Present American Academy of Hospice and Palliative Medicine  
 2014 - 2015 Massachusetts Medical Society

#### **EDITORSHIPS/EDITORIAL BOARDS/JOURNAL REVIEWS:**

#### Editorship

11/2021 - 01/2023 Editor-in-Chief with Susan Merel, MD (University of Washington) Aquifer Excellence in Palliative Care Course

#### Editorial Board

2018 - 2019 Faculty editor, Massachusetts General Hospital White Book

#### Ad-Hoc Reviewer

2015 - Present Invited book reviewer, Journal of Palliative Medicine

04/2022 Group review, Journal of Graduate Medical Education

#### **LOCAL/REGIONAL APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:**

2015 - 2019 Co-chair, Practice of Medicine Palliative Care Central Session planning committee, Harvard Medical School

01/2016 - 09/2019 Physician liaison to the Neurology Department, Continuum Project, Massachusetts General Hospital

01/2017 - 09/2019 Harvard faculty co-lead, Competency development working group, MA Coalition for Serious Illness Care

01/2017 - 09/2019 Harvard faculty co-lead, Curricular mapping working group, MA Coalition for Serious Illness Care

05/2019 - 09/2019 Harvard faculty co-lead, Focus groups working group, MA Coalition for Serious Illness Care

#### **NATIONAL ELECTED/APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:**

08/2020 - Present Member, Medical Student and Resident Engagement Committee, American Academy of Hospice and Palliative Medicine (AAHPM)

10/2020 - Present Member, Strategic Leadership Group for the development of an online course on "Principles and Practice of Excellence in Palliative Care", Aquifer

08/2021 - 01/2023 Co-chair, Committee for the Development of Palliative Care Course Objectives & Cases, Aquifer

#### **INVITED LECTURES/WORKSHOPS/PRESENTATIONS:**

##### **Local**

Zehm A, Eng T, Zechlinski J, Baxter B., Microencapsulation of Leydig cells, UW-Madison Biomedical Engineering Student Design Consortium, Madison, WI, 2005

Zehm A, Eng T, Zechlinski J, Baxter B., Microencapsulation of Leydig and Sertoli cells, UW-Madison Biomedical Engineering Student Design Consortium, Madison, WI, 2005

Zehm A., Whole brain radiation, Dana-Farber Cancer Institute, Division of Psychosocial Oncology and Palliative Care interdisciplinary team meeting, Boston, MA, 2014

Zehm A., Not just another pretty face: Botox gives palliative care a facelift, Massachusetts General Hospital Division of Palliative Care Grand Grounds, Boston, MA, 2015

Zehm A., Hypoplastic left heart syndrome: a guide for palliative care clinicians, Dana-Farber Cancer Institute, Division of Psychosocial Oncology and Palliative Care Pediatric Advance Care Team interdisciplinary team meeting, Boston, MA, 2015

Zehm A., Caring for the unbefriended, Dana-Farber Cancer Institute, Division of Psychosocial Oncology and Palliative Care interdisciplinary team meeting, Boston, MA, 2015

Zehm A., Interventional pain techniques for cancer-related pain, Dana-Farber Cancer Institute, Division of Psychosocial Oncology and Palliative Care interdisciplinary team meeting, Boston, MA, 2015

Zehm A., PleurX catheters for the management of malignant ascites, Massachusetts General Hospital Division of Palliative Care Journal Club, Boston, MA, 2015

Zehm A., Hiccups, Dana-Farber Cancer Institute, Division of Psychosocial Oncology and Palliative Care interdisciplinary team meeting, Boston, MA, 2015

Zehm A., Opioids for dyspnea in heart failure, Massachusetts General Hospital Division of Palliative Care Journal Club, Boston, MA, 2016

Zehm A, Kamdar M., A Mechanistic Approach to Nausea & Vomiting, Massachusetts General Hospital, Division of Gynecologic Oncology educational series, Boston, MA, 2016

Zehm A, Kamdar M., Challenging case discussion, Massachusetts General Hospital, Division of Gynecologic Oncology educational series, Boston, MA, 2016 - 2017

Zehm A, Kamdar M., Breaking bad news, Massachusetts General Hospital, Division of Gynecologic

- Oncology educational series, Boston, MA, 2016 - 2017
- Zehm A, Kamdar M., Delirium in the seriously ill, Massachusetts General Hospital, Division of Gynecologic Oncology educational series, Boston, MA, 2016
- Zehm A, Kamdar M., Hospice options, Massachusetts General Hospital, Division of Gynecologic Oncology educational series, Boston, MA, 2016
- Zehm A, Kamdar M., When cancer pain becomes difficult to manage: methadone and interventional techniques, Massachusetts General Hospital, Division of Gynecologic Oncology educational series, Boston, MA, 2016
- Zehm A., Developing an educational program to improve primary palliative care skills among interdisciplinary neurology providers, poster presentation at Harvard Macy Institute Program for Educators in Health Professions, Boston, MA, 2017
- Zehm A., Pharmacologic management of delirium in palliative care patients, Massachusetts General Hospital Division of Palliative Care Journal Club, Boston, MA, 2017
- Zehm A, Kamdar M., Approaches to challenging pain cases, Massachusetts General Hospital, Division of Gynecologic Oncology educational series, Boston, MA, 2017 - 2018
- Zehm A, Kamdar M., Ethical issues at end-of-life, Massachusetts General Hospital, Division of Gynecologic Oncology educational series, Boston, MA, 2017
- Zehm A., Palliative care and preparedness planning for LVAD patients, Massachusetts General Hospital Division of Palliative Care Journal Club, Boston, MA, 2017
- Zehm A, Kamdar M., Serious illness conversations part 2: The Partners serious illness conversation guide, Massachusetts General Hospital, Division of Gynecologic Oncology educational series, Boston, MA, 2018
- Zehm A, Kamdar M., Serious illness conversations part 1: the building blocks, Massachusetts General Hospital, Division of Gynecologic Oncology educational series, Boston, MA, 2018
- Jacobsen J, Wilson E, Zehm A., Primary Care Serious Illness Communication Training, Massachusetts General Hospital Division of Palliative Care Continuum Project Workshop, Boston, MA, 2018
- Zehm A, Kamdar M., Methadone, Massachusetts General Hospital, Division of Gynecologic Oncology educational series, Boston, MA. 2018, 2018
- Zehm A., Changing serious illness care: an institutional and statewide experience, MCW Division of Hematology and Oncology Grand Rounds, Milwaukee, WI, 12/12/2019
- Zehm A., Caring for Unbefriended Patients, Massachusetts General Hospital Division of Palliative Care Journal Club, Boston, MA, 2019
- Zehm A., Palliative care for patients with primary malignant brain tumors, MCW Department of Neurosurgery Grand Rounds., Milwaukee, WI., 07/29/2020
- Zehm A., Closing the gap: serious illness conversation training, MCW Department of Medicine Grand Rounds, Milwaukee, WI, 04/09/2021
- Zehm A., Closing the gap: serious illness conversation training, MCW APP Grand Rounds, Milwaukee, WI, 10/20/2021
- Zehm A, Rosenberg L, Lawton A, Daubman BR, Natarajan S., #Friendtorship: Cultivating peer mentor relationships in academic medicine, MCW Department of Medicine Grand Rounds, Milwaukee, WI, 04/26/2024

### **Regional**

- Zehm A., Regulation of forebrain glutamic acid decarboxylase (GAD) mRNA levels following chronic variable stress, National Science Foundation Research in Engineering for Undergraduates Program, Milwaukee, WI, 2005
- Pavlic A, Zehm A, "Thanks for the feedback": promoting growth mindset and introducing skills for giving and receiving feedback to preclinical medical students, Central Group on Educational Affairs Regional Conference, Milwaukee, WI, 04/05/2024

### **National**

- Zehm A., Not just another pretty face: Botox gives palliative care a facelift, University of Pennsylvania Division of Palliative Care Grand Rounds, Philadelphia, PA, 2014
- Zehm A., Comprehensive pain management in palliative care: relieving the burden of opioid-induced constipation, American Academy of Hospice and Palliative Medicine Annual Assembly, Phoenix, AZ, 2017
- Zehm A, Stevens E, Scott E, Rhodes A, Doyle A., Navigating difficult decisions in serious illness:

- conversations tough to swallow!, American Speech-Language-Hearing Association National Convention Master Class Workshop, Boston, MA, 2018
- Zehm A., Changing serious illness care: an institutional and statewide experience, MCW Division of Hematology and Oncology faculty candidate presentation, Milwaukee, WI, 04/26/2019
- Zehm A, Rosenberg L, Lawton A, Daubman BR, Natarajan S., "Surviving the Tween Years": Navigating the Early to Mid-Career Transition in Academic Hospice and Palliative Medicine, Massachusetts General Hospital Division of Palliative and Geriatric Medicine Grand Rounds, Boston, MA, 01/18/2023
- Zehm A, Rosenberg L, Lawton A, Daubman BR, Natarajan S., #Friendtorship: Cultivating peer mentor relationships in academic medicine, Massachusetts General Hospital Division of Palliative Care Mentoring series, Boston, MA, 01/31/2024

## **PEER REVIEWED WORKSHOPS/PRESENTATIONS:**

### **Local**

- Zehm A, Scott E, Schaefer K, Jacobsen, J., Improving Medical Trainees' Confidence and Skills in Serious Illness Communication: Conversation Guide Training for Early Learners, MCW Innovations in Healthcare Education Research Conference, Milwaukee, WI, 09/24/2020
- Gilligan M, Braun M, Zehm A., Experiential Learning Improves Medical Students' Confidence in Delivering Difficult News, MCW Innovations in Healthcare Education Research Conference, Milwaukee, WI, 09/20/2022
- Thapar M, Partovi O, McGauley M, Gitter C, Zepeda L, Zehm A, Agrawal H, Petroll A., Operation Conversation: A qualitative analysis and program design update, Innovations in Healthcare Education Research Conference, Milwaukee, WI, 09/20/2023

### **Regional**

- Zehm A., A Heart in Trouble, selected speaker at American College of Physicians WI Chapter Meeting, Wisconsin Dells, WI, 2013

### **National**

- Zehm A., The use of botulinum toxin gives symptom control in palliative care a facelift, selected speaker at American Academy of Hospice and Palliative Medicine Annual Assembly, Chicago, IL, 2016
- Zehm A, Kamdar M, Strand J, Gazelka H., Conundrums in palliative medicine: managing difficult symptoms and managing the patient with aberrant opioid behavior, selected speakers at American Academy of Pain Medicine Annual Meeting, Orlando, FL, 2017
- Foster F, Zehm A., Care planning challenges and recommendations for patients with communication impairment, selected speakers at American Academy of Hospice and Palliative Medicine Annual Assembly, Boston, MA, 2018
- Zehm A, Lindvall C, Parks K, Schaefer K, Chittenden E., Case-based curriculum for teaching prognostication and serious illness communication in heart failure: a module for medical trainees and practicing clinicians, selected speakers at American Academy of Hospice and Palliative Medicine Annual Assembly Interactive Education Exchange, Boston, MA, 2018
- Jonas D, Zehm A, Brook I, Shader Smith D., Yesterday a Child, Today a Grown-Up: Reflections on the Patient, Family and Team Experience of an Abrupt, Non-Linear Transition from Pediatrics to Adult Medicine for Young Adults with Serious Illness, selected speakers at American Academy of Hospice and Palliative Medicine Annual Assembly. Developed, scheduled to be delivered on 3/20/20 yet not delivered due to conference cancellation/COVID-19 travel restrictions, San Diego, CA, 2020
- Reidy J, Mitchell S, Zehm A, Schaefer K, Stumpf I, Streid J, Vesel T., Improving Medical Student Training in Palliative Care: A Statewide Collaborative, selected speakers at American Academy of Hospice and Palliative Medicine Annual Assembly. Developed, scheduled to be delivered on 3/20/20 yet not delivered due to conference cancellation/COVID-19 travel restrictions, San Diego, CA, 2020
- Reidy J, Mitchell S, Zehm A, Schaefer K, Stumpf I, Streid J, Vesel T., Improving Medical Student Training in Palliative Care: A Statewide Collaborative., American Academy of Hospice and Palliative Medicine Annual Assembly, Virtual, 02/18/2021
- Daubman BR, Zehm A, Lawton A, Rosenberg L, Natarajan S., . "Surviving the Tween Years:" Navigating the Early to Mid-Career Transition in Academic Hospice and Palliative Medicine, American Academy of Hospice and Palliative Medicine Annual Assembly, Nashville, TN, 02/10/2022
- Thapar M, Partovi O, McGauley M, Gitter C, Zepeda L, Zehm A, Agrawal H, Petroll A., Operation

Conversation: Using a peer-led role play model to help pre-clinical medical students improve interpersonal skills and navigate difficult patient conversations., Association of American Medical Colleges (AAMC) Southern Group of Education Affairs (SGEA) Conference, Nashville, TN, 03/24/2022

Zehm A, Scott E, Schaefer K, Nguyen P, Jacobsen J., Improving Trainees' Confidence and Participation in Serious Illness Communication: Testing the Serious Illness Care Program with Early Learners, Association of American Medical Colleges (AAMC) Learn Serve Lead Annual Meeting, Nashville, TN, 11/15/2022

### **International**

Zehm A, Bear A, Olex M, Taxis J., We need help!": reflections from an interdisciplinary team on embedding a clinical psychologist on the inpatient palliative care consult service, American Academy of Hospice and Palliative Medicine Annual Assembly, Montreal, Canada, 03/2023

Zehm A, Brook I, Jonas D, Shader-Smith D., Yesterday a Child, Today a Grown-Up: Reflections on the Patient, Family and Team Experience of an Abrupt, Non-Linear Transition from Pediatric to Adult Medicine for Young Adults with Serious Illness, American Academy of Hospice and Palliative Medicine Annual Assembly, Montreal, Canada, 03/2023

Lawton A, Zehm A, Daubman, BR, Rosenberg L, Natarajan S., #Friendtorship: Cultivating peer mentor relationships in hospice and palliative medicine, American Academy of Hospice and Palliative Medicine Annual Assembly, Montreal, Canada, 03/2023

### **COMMITTEE SERVICE:**

#### **Medical College of Wisconsin**

2015 - 2019 Co-chair, Member, Practice of Medicine Palliative Care Central Session planning committee, Harvard Medical School

2020 - 2021 Member, Education Workgroup, Geriatric and Palliative Medicine, Medicine, Medical College of Wisconsin

2021 - 2022 Member, Hospice and Palliative Medicine fellowship applicant selection committee, Geriatric and Palliative Medicine, Medicine, Medical College of Wisconsin

2021 - Present Member, Inpatient workgroup, Geriatric and Palliative Medicine, Medicine, Medical College of Wisconsin

04/2022 - 08/2022 Member, Phase 3 curriculum workgroup, MCWfusion Curriculum, Medical College of Wisconsin

07/2022 - Present Member, Phase 1 curriculum development planning committee, planning for new MCWfusion curriculum rollout, Geriatric and Palliative Medicine, Medicine, Medical College of Wisconsin

07/2022 - Present Member, MCWfusion OSCE planning committee, Geriatric and Palliative Medicine, Medicine, Medical College of Wisconsin

#### **Hospital**

2015 Member, Special Review Committee for Child Neurology Program, Department of Graduate Medical Education, Massachusetts General Hospital

2015 - 2016 Member, Epic SuperUser Committee, Division of Palliative Care and Geriatric Medicine, Department of Medicine, Massachusetts General Hospital

2016 - 2018 Member, Interprofessional Palliative Care fellowship applicant selection committee, Division of Palliative Care and Geriatric Medicine, Department of Medicine, Massachusetts General Hospital

2017 Member, MGH Palliative Care chaplaincy applicant selection committee, Division of Palliative Care and Geriatric Medicine, Department of Medicine, Massachusetts General Hospital

2018 Member, MGH Palliative Care social work applicant selection committee, Division of Palliative Care and Geriatric Medicine, Department of Medicine, Massachusetts General Hospital

2020 Member, Advance Care Planning EPIC Navigator Steering Committee, Population Health Care Continuum, Froedtert Hospital

2021 Member, Goals of Care/Readmission Reduction Workgroup, Froedtert Hospital

### **MEDICAL COLLEGE TEACHING ACTIVITIES:**

### **Medical Student Education**

02/27/2020 "Delivering Serious News", workshop for Bioethics Pathway students  
01/11/2022 "Spiritual Issues at the End of Life and Physician Assisted Death", small group facilitator for M2 Foundational Capstone course  
01/18/2022 "Decision-making Capacity", small group facilitator for M2 Foundational Capstone course  
01/21/2022 "Difficult Conversations with Patients and Families", large group presenter for M3 Medicine clerkship communication skills workshop  
01/21/2022 "Difficult Conversations with Patients and Families", small group facilitator for M3 Medicine clerkship communication skills workshop  
07/2022 - Present "Delivering serious news", small group facilitator and large group presenter for 6 recurring Medicine clerkship communication skills workshops  
09/26/2022 "Care of the Seriously Ill Patient: Introduction to Palliative Care", workshop for M3 longitudinal integrated clerkship students, MCW-Central Wisconsin  
06/29/2023 "Communication Connection: Growth Mindset and Feedback", workshop for M3 students in Continuing Professional Development course, Transition to Clerkship week  
07/11/2023 "Introduction to Clinical Communication Skills", large group/workshop presenter for Early Clinical Learning Launch course  
08/16/2023 "Communication Connection: Growth Mindset and Feedback", large group presenter for The Good Doctor course, Milwaukee, Central Wisconsin, and Green Bay campuses  
08/22/2023 - 08/24/2023 "Launch OSCE", faculty facilitator for end-of-course integrated clinical skills assessment (designed OSCE case and rubrics, coordinated logistics, spearheaded SP and faculty development, and assessed performance of 224 medical students)  
08/28/2023 - 08/29/2023 "Normal Physical Exam- General exam, surface HEENT, lymph, skin and nails", small group facilitator for Early Clinical Learning Climbl course  
09/11/2023 - 09/12/2023 "Relationship Centered Care: Empathy and exploring the patient perspective", large group/workshop presenter for Early Clinical Learning Climbl course  
09/20/2023 "Communication Connection: Exploring spirituality, beliefs and practices", large group presenter for The Good Doctor course, Milwaukee, Central Wisconsin, and Green Bay campuses  
11/14/2023 "Normal Physical Exam- Abdomen", small group facilitator for Early Clinical Learning Climbl course  
12/04/2023 - 12/05/2023 "Communication and Clinical Reasoning Practice", small group facilitator for Early Clinical Learning Climbl course  
12/19/2023 - 12/21/2023 "Climbl OSCE", faculty facilitator for end-of-course integrated clinical skills assessment (designed OSCE case and rubrics, coordinated logistics, spearheaded SP and faculty development, and assessed performance of 224 medical students)

### **Resident and Fellow Education**

01/23/2020 "Goals of care and managing conflict", ER resident communication training  
09/04/2020 "Delivering Serious News", workshop for Pulm/Critical Care fellows  
10/07/2020 "Discussing Goals of Care" didactic for IM residents  
10/09/2020 "Discussing Goals of Care" workshop for Pulm/CC fellows  
10/21/2020 "Methadone" didactic for palliative care fellows  
06/09/2021 "Pain management jeopardy" for palliative care fellows  
07/08/2021 "Pain management 101" didactic for palliative care fellows  
07/23/2021 "Serious Illness Conversations in the ICU" workshop for Pulm/Critical Care fellows  
09/10/2021 "Pain management jeopardy" for palliative care fellows  
10/08/2021 "Methadone", didactic for Palliative Care fellows  
12/03/2021 "Serious Illness Conversations for Geriatrics and Palliative Care", workshop for geriatrics and palliative care fellows  
09/09/2022 "Serious Illness Conversations for Geriatrics and Palliative Care", workshop for geriatrics and palliative care fellows  
09/30/2022 "Methadone", didactic for Palliative Care fellows  
09/30/2022 "Pain management jeopardy", interactive didactic for Palliative Care fellows  
11/28/2022 "Dilemmas and resilience in the ICU", workshop for Pulm/Critical Care fellows  
07/12/2023 "Pain management 101", small group discussion for Palliative Care fellows  
07/17/2023 "Communication in the ER: delivering serious news", workshop for emergency medicine PGY1 residents

10/27/2023 “Serious Illness Conversations for Geriatrics and Palliative Care”, workshop for geriatrics and palliative care fellows  
12/08/2023 “Pain management jeopardy”, interactive didactic for Palliative Care fellows  
12/08/2023 “Methadone”, didactic for Palliative Care fellows

### **Continuing Medical Education**

10/28/2020 Serious Illness Conversation Guide training pilot for inpatient Oncology providers

## **EXTRAMURAL TEACHING:**

### **Community/Lay Public**

2007 - 2008 UW School of Medicine and Public Health, Mothers and Maternity Support (MoMS) medical student volunteer  
2008 - 2009 UW School of Medicine and Public Health, Healthy Classrooms Symposium for parents, educators, clinicians (Logistics committee co-chair, 2008; Director, 2009)  
2008 - 2009 UW School of Medicine and Public Health, Doctors Ought to Care (DOC) presenter to K-12 students  
2016 Massachusetts General Hospital, invited presenter at MGH's Pulmonary Fibrosis Support Group  
2016 Chordoma Foundation, invited lecturer at the Chordoma Foundation's International Chordoma Community Conference: Life with Chordoma: ensuring quality of life  
2020 American Academy of Neurology, Neurology® podcast and Neurology Minute™ invited podcast presenter: Neurology clinicians' views on palliative care communication: how do you frame this? Recorded 11/18/2020, aired 12/8/2020.  
2022 Aquifer invited podcast presenter: Excellence in Palliative Care Course. Recorded 12/21/2021, aired 1/27/2022.

### **Medical Student Education**

2008 University of Wisconsin School of Medicine and Public Health, Healer's Art course  
2012 - 2014 University of Wisconsin School of Medicine and Public Health, Patient Doctor and Society course  
2015 - 2016 Harvard Medical School/Harvard School of Dental Medicine, Practice of Medicine course. Longitudinal mentor to two first-year HMS students in physical diagnosis & reasoning course.  
2016 Harvard Medical School, Professional Development Week III OSCE proctor  
2016 - 2017 Harvard Medical School, 4th year Comprehensive OSCE proctor (2016), faculty mentor (2017)  
2016 - 2018 Harvard Medical School, Practice of Medicine: Caring for Patients with Life Threatening Illness and End of Life & Palliative Care session. Faculty co-chair of planning committee and hospital site director for afternoon conference.  
2016 Harvard Medical School, Into the Wild Blue Yonder course: invited lecturer on code status discussions  
2016 - 2018 Harvard Medical School, Principle Clinical Experience. Faculty mentor for student-run case conferences.  
2016 Harvard Medical School, Patient Doctor II OSCE proctor  
2016 - 2019 Harvard Medical School, Palliative Care and Geriatrics Student Interest Group faculty mentor  
2017 Harvard Medical School, Principle Clinical Experience OSCE proctor  
2017 Harvard Medical School, Transitions Course Advanced Clinical Exam (ACE) faculty preceptor  
01/2019 - 04/2019 Harvard Medical School, Capstone course: invited lecturer on code status discussions.  
01/2019 - 04/2019 Harvard Medical School, Capstone Course Serious Illness Conversation Guide Training Workshop. Invited to develop new curriculum; served as faculty director and trainer for 4 monthly afternoon workshops.  
08/02/2019 - 08/30/2019 Harvard Medical School/Massachusetts General Hospital, Transition to the Principle Clerkship Experience (MGH Neurology): When Patients Die. Developed and taught new curriculum for weekly recurring small group session for pre-clerkship students.

### **Resident and Fellow Education**

2013 University of Wisconsin Hospital and Clinics/Wm. S. Middleton Veterans Hospital, Improving the rates of state DNR bracelet issuance among hospitalized patients



- 2014 University of Wisconsin Hospital and Clinics/Wm. S. Middleton Veterans Hospital, POLST: on the cutting edge of advanced directives
- 2014 University of Wisconsin Hospital and Clinics/Wm. S. Middleton Veterans Hospital, Teaching the teacher: advances in improving resident teaching skills
- 2015 - 2018 Massachusetts General Hospital Internal Medicine Residency Program, Palliative care and heart failure (monthly recurring resident educational series). Developed new curriculum and published on MedEdPORTAL and presented at national conference.
- 2015 Harvard Medical School/Massachusetts General Hospital/Dana-Farber Cancer Institute, Selling the goods: Palliative Care in the media. Interdisciplinary fellowship small group teaching session.
- 2015 - 2018 Massachusetts General Hospital Internal Medicine Residency Program, Palliative care in the ICU: compassionate extubation (monthly recurring resident educational series)
- 2015 - 2017 Massachusetts General Hospital Internal Medicine Residency Program, Pain management and code status discussions (monthly recurring resident educational series)
- 2016 - 2019 Harvard Medical School/Massachusetts General Hospital/Dana-Farber Cancer Institute, Journal Club faculty mentor/facilitator for interdisciplinary fellowship
- 2016 - 2019 Harvard Medical School/Massachusetts General Hospital/Dana-Farber Cancer Institute, Palliative Care in heart failure (annual recurring didactic). Developed new curriculum and published on MedEdPORTAL and presented at national conference.
- 2017 Massachusetts General Hospital Department of Neurology, "Care in the Final Days and Hours of Life" neurology resident & fellow didactic
- 2018 - 2019 Massachusetts General Hospital Internal Medicine Residency Program, Communication microskills: responding to emotion (monthly recurring resident educational series)
- 2018 Massachusetts General Hospital Internal Medicine Residency Program, Serious Illness Conversation workshops (monthly recurring resident educational series)
- 2018 - 2019 Massachusetts General Hospital Internal Medicine Residency Program, Care of the Imminently Dying (monthly recurring resident educational series)
- 2018 Massachusetts General Hospital Internal Medicine Residency Program, Code status discussions (monthly recurring resident educational series)

#### **Continuing Medical Education**

- 2016 Harvard Medical School Center for Palliative Care, Palliative Care Education and Concepts (PCEP) course: Caring for imminently dying patients
- 2016 Harvard Medical School Center for Palliative Care, Practical Aspects of Palliative Care (PAPC) course: Palliative care emergencies
- 2017 Harvard Medical School Center for Palliative Care, Palliative Care for Hospitalists and Intensivists (PCHFI) course: Managing dyspnea, nausea, and thirst in the hospitalized patient
- 2018 Harvard Medical School Center for Palliative Care, Practical Aspects of Palliative Care (PAPC) course: Palliative care emergencies

#### **MCW STUDENTS, FACULTY, RESIDENTS AND CLINICAL/RESEARCH FELLOWS MENTORED:**

##### **Medical Students**

- Omeed Partovi, Medical College of Wisconsin, 03/2021 - Present Student extracurricular project mentor for "Operation Conversation", Two poster presentations, including first-place award at MCW IHER conference and second-place award at WI ACP in 2022. Abstract publication in WMJ 2023. Kern Institute's Transformational Ideas Initiative (TI2) award recipient.
- Molly Thapa, Medical College of Wisconsin, 03/2021 - Present Student extracurricular project mentor for "Operation Conversation", Multiple poster presentations, including first-place award at MCW IHER conference and second-place award at WI ACP in 2022. Abstract publication in WMJ 2023. Kern Institute's Transformational Ideas Initiative (TI2) award recipient. Honors in Medical Education distinction expected 2024.

##### **Faculty**

- Alexandria Bear, MD, Medical College of Wisconsin, 06/2020 - Present Clinical, academic and teaching peer mentor, Election to MCW's Faculty Council, several joint curricular development and teaching efforts, clinical fellowship improvements, Aquifer case co-writing efforts
- Paul Stellmacher, MD, Medical College of Wisconsin, 06/2020 - Present Clinical, academic and teaching

peer mentor, Appointment to multiple hospital committees, designation of hospice liaison at FMLH, a joint curricular development and teaching effort for Bioethics students at MCW, publication of a peer-reviewed journal article co-writing effort, Aquifer case co-writing efforts.

Carley Sauter, MD, Medical College of Wisconsin, 07/2022 - Present academic, education and teaching peer mentor, Patient care skills thread director and OSCE co-director for MCWfusion curriculum, course director for several courses.

Erica Chou, MD, Medical College of Wisconsin, 05/2023 - Present Academic, education and teaching peer mentor, Course director for several courses

## **PROGRAMMATIC DEVELOPMENTS:**

### **Educational Programs**

#### **Student**

2017 - 2019 Harvard Medical School: faculty co-lead in developing a longitudinal integrated palliative care & geriatrics curriculum for students.

2017 - 2019 MA Coalition for Serious Illness Care: Harvard faculty co-lead. Developed competencies, completed curricular review, assisted in focus group study design in statewide curricular reform effort.

2020 - 2023 Aquifer: member of Strategic Advisory Group and co-editor-in-chief for a new online course Principles and Practice of Excellence in Primary Palliative Care.

2021 - Present Medical College of Wisconsin: faculty mentor for student-led "Operation Conversation", an elective, extracurricular, experiential communication skills workshop.

2022 - Present Medical College of Wisconsin: as course director, developing and directing 4 new early clinical learning courses (Launch, Climb1, Climb2, Soar) for phase 1 of MCWfusion curriculum

2022 - Present Medical College of Wisconsin: developing and directing new longitudinal communication skills thread curriculum for MCWfusion curriculum

#### **Resident**

2015 - 2018 Developed novel "illness trajectory and advance care planning in heart failure" curriculum which was published on MedEdPORTAL and presented at AAHPM's national conference.

#### **Faculty**

2017 - 2019 MGH Continuum Project: physician liaison to Neurology Dept. Co-PI on qualitative focus group study for primary palliative care education effort (published work); taught faculty training workshops.

2020 Serious Illness Conversation Guide training pilot for Hematology-Oncology inpatient physicians and APPs. Materials developed, SPs trained, faculty development completed, and pilot run.

## **COMMUNITY SERVICE ACTIVITIES:**

2007 - 2008 Mothers and Maternity Support (MoMS) medical student volunteer

2007 - 2010 Leadership Opportunities with Communities, the Underserved, and Special populations (LOCUS) fellow

2008 - 2009 Doctors Ought to Care (DOC) officer and presenter

2008 Healthy Classrooms Symposium Logistics Committee Co-Chair

2009 Healthy Classrooms Symposium Director

11/05/2020 Invited presentation, St. Camillus retirement community, Milwaukee, WI. "'Helping seriously ill patients live well: the role of palliative care."

## **ROBERT D. AND PATRICIA E. KERN INSTITUTE FOR THE TRANSFORMATION OF MEDICAL EDUCATION AND NATIONAL TRANSFORMATION NETWORK ACTIVITIES:**

01/01/2020 - 09/2020 Member of the Primary Palliative Care Education Workgroup

07/2020 - 06/2022 Kern Institute Kinetic3 Teaching Academy Selected Participant. Two-year faculty development course in medical education and educational leadership.

## BIBLIOGRAPHY

### Refereed Journal Publications/Original Papers

1. **Zehm A**, Mullin J, Zhang H. Thirst in Palliative Care #313. *J Palliat Med*. 2016 Sep;19(9):1009-1010.
2. **Zehm A**, Kamdar M. Palliative Uses of Botulinum Neurotoxin #324. *J Palliat Med*. 2017 Mar;20(3):300-302.
3. **Zehm A**, Lindvall C, Parks K, Schaefer KG, Chittenden E. Prognosis, communication, and advance care planning in heart failure: a module for students, residents, fellows, and practicing clinicians. *MedEdPORTAL Publications*. 2017;13:10596.
4. Brizzi K, Paganoni S, **Zehm A**, De Marchi F, Berry J. Integration of a palliative care specialist in an amyotrophic lateral sclerosis clinic: Observations from one center. *Muscle Nerve*. 2019 Aug;60(2):137-140.
5. **Zehm A**, et al. Neurology clinicians' views on palliative care communication: "How do you frame this?". *Neurology: Clinical Practice*. 2019;10(5): 1-8.
6. **Zehm A**, Rosenberg L, Daubman BR. Discussing Autopsy with Bereaved Families #400. *J Palliat Med*. 2020; 23(10):1400-1402.
7. Partain DK, **Zehm A**. Palliative sedation therapy for terminal movement disorders. *BMJ Supp & Pall Care*. Published Online First: 31 August 2020. doi: 10.1136/bmjspcare-2020-002577
8. Jozwiak R, Stellmacher P, **Zehm A**. Preparing for a destination therapy ventricular assist device: the palliative care planning conversation #410. *J Palliat Med*. 2021;24(3):455-456.
9. **Zehm A**, Scott E, Schaefer KG, Nguyen PL, Jacobsen J. Improving Serious Illness Communication: Testing the Serious Illness Care Program with Trainees. *J Pain Symptom Manage*. 2022;63(2):e252-e259.
10. Reidy JA, Clark MA, Berman HA, Chan SH, Gawande AA, Streid J, Vesel T, Young ME, **Zehm A**, Schaefer KG. Paving the Way for Universal Medical Student Training in Serious Illness Communication: the Massachusetts Medical Schools' Collaborative. *BMC Med Educ*. 2022;22(1):654.
11. **Zehm A**, Scott E, Schaefer KG, Nguyen PL, Jacobsen J. Improving Trainees' Confidence and Participation in Serious Illness Communication: Testing the Serious Illness Care Program with Early Learners. *Academic Medicine*. 2022; =97(11S):S150.
12. **Zehm A**, Smith S, Schaefer KG, Jonas D, Bullock K, Edwards RL, Reville B, Jaramillo C, Webb AC, Rydberg J, Merel SE. Development of objectives to inform a national, standardized primary palliative care curriculum for health professions students. *J Palliat Med*. 2023, Epub ahead of print.
13. Daubman BR\*, Lawton AJ\*, **Zehm A**, Rosenberg LB, Natarajan S. The Tween Years: Thriving as a mid-career academic hospice and palliative medicine clinician. *J Palliat Med*. 2023. Epub ahead of print.
14. Reidy JA, Chan SH, Boelitz KM, Chavez M, Clark MA, Epstein SK, Gosline A, Healy R, Livne E, Peirce H, Schaefer KG, Streid J, Vesel T, Young ME, **Zehm A**, Garg PS. (Forthcoming). A Call to Action: Using curriculum mapping at four medical schools in Massachusetts to advance serious illness communication training in undergraduate medical education. *J Palliat Med*.
15. Tyler K, Glisch C, Pagan-Ferrer J, **Zehm A**. Counseling Adult Patients and Caregivers on Nutrition During the Dying Process #470. *J Palliat Med*. 2023. Accepted.
16. Tyler K, Glisch C, Pagan-Ferrer J, **Zehm A**. Counseling Adult Patients and Caregivers on Nutrition During the Dying Process #470. *J Palliat Med*. 2024 Jan;27(1):128-129.

### Books, Chapters, and Reviews

1. **Zehm A**, Daubman B. Essentials of Palliative Care Book and Media Review. *Journal of Palliative Medicine*. 2015;18(9):811.
2. Daubman B, Rosenberg L, **Zehm A**, Kamdar M. Chapter 42: Palliative Care. In: Brenner G, Rathmell J, eds. *The Massachusetts General Hospital Handbook of Pain Management*. 4th ed. Wolters Kluwer Health; 2020: 512-524.
3. Leung M, **Zehm A**. Chapter 17: Palliative, end-of-life, and psychiatric care of patients with advanced renal disease. In: Hategan A, Bourgeois J, Gangji A, Woo T, eds. *Psycho-nephrology: A Guide to Principles and Practice*. Springer Nature; accepted, in press.
4. **Zehm A**, Kamdar MM. A Cancer Pain Crisis. In: Edwards DA, Sobey C, Guler P, eds. *Hospitalized Chronic Pain Patient*. Switzerland: Springer International Publishing, 2021.
5. Kamdar MM, **Zehm A**, Daubman BR. Crisis Management and Refractory Pain Hospitalized Chronic Pain Patient: A Multidisciplinary Treatment Guide. 1 January 2022:235-239.
6. Wooldridge A, Tillman SD, **Zehm A**. Opioid and Non-opioid Therapies in Palliative Care Hospitalized Chronic Pain Patient: A Multidisciplinary Treatment Guide. 1 January 2022:229-233.

## **Abstracts**

1. Crnich C, **Zehm A**, Warrack S, Duster M, Drinka P, Zimmerman D., Measurement and Variation in MRSA Acquisition Rates in Nursing Homes, selected poster presentation at University of Wisconsin Department of Medicine Annual Research Day, Madison, WI, 2013.
2. **Zehm A**, Kamdar M., Not just another pretty face: Botox gives cancer-related pain treatment a facelift, selected poster presentation at American Academy of Hospice and Palliative Medicine Annual Assembly, Philadelphia, PA, 2015.
3. **Zehm A**, Lindvall C, Parks K, Leung C, Schaefer K, Chittenden E, Teaching providers serious illness communication skills in heart failure, selected poster presentation at the Heart Failure Society of America Annual Scientific Meeting, Dallas, TX, 2017.
4. **Zehm A**, Pelletier S, Farrell S., Serious news: OSCE assessment of students' palliative care communication skills, selected poster presentation at Harvard Medical School Medical Education Day, Boston, MA, 2018.
5. Streid J, **Zehm A**, Schaefer K., Preparing Future Physicians to Care for the Seriously Ill: Developing Palliative Care Competencies and Assessing Medical School Curricula, selected poster presentation at Harvard Medical School Medical Education Day, Boston, MA, 2018.
6. Partain, D, Kamdar, M, **Zehm, A.**, Delirium and Distressing Movements: Palliative Sedation Therapy in Patients with Refractory Terminal Delirium when Standard Treatment Options are Limited, selected poster presentation at the 16th World Congress of the European Association of Palliative Care, Berlin, Germany, 2019.
7. **Zehm A**, Pelletier S, Farrell S., Serious news: OSCE assessment of students' palliative care communication skills, selected poster presentation at MCW Innovations in Healthcare Education Research conference, Milwaukee, WI, 2020.
8. Reidy JA, Fischer M, Mitchell S, Schaefer KG, Streid J, Stumpf IN, **Zehm A**. Improving medical student training in palliative care: a statewide collaborative. *J Pain Symptom Manage*. 2020;59(2):444.
9. Thapar M, Partovi O, Petroll A, Agrawal H, **Zehm A**. Operation Conversation: Using a peer-led roleplay model to help pre-clinical medical students improve interpersonal skills and navigate difficult patient conversations, MCW Innovations in Healthcare Education Research Conference, Milwaukee, WI, 09/22/2022.
10. Thapar M, Partovi O, McGauley M, Gitter C, Zepeda JL, Agrawal H, Petroll A, **Zehm A**. TI2 ideas: Operation Conversation: Using a Peer-led Roleplay Model to Help Pre-clinical Medical Students Improve Interpersonal Skills and Navigate Difficult Patient Conversations, selected poster presentation at MCW Innovations in Healthcare Education Research conference, Milwaukee, WI, 09/22/2022.
11. Gilligan M, **Zehm A**, Foy P, Braun M. Experiential Learning Improves Medical Students' Confidence in Delivering Difficult News, selected poster presentation at Directors of Clinical Skills Courses (DOCS) Annual Meeting, Nashville, TN, 2022.
12. Sehgal M, Edwards R, **Zehm A**, Merel S, Jaramillo C, Bowman B, Bullock K, Reville B, Smith S, Tatum P, Schaefer K. Development of a course to standardize primary palliative care education for health professions students. Society of Teachers of Family Medicine (STFM) Conference on Medical Student Education, New Orleans, LA, January 2023.
13. **Zehm A**. Improving Trainees' Confidence and Participation in Serious Illness Communication: Testing the Serious Illness Care Program with Early Learners. Accepted to present at Medical College of Wisconsin's Department of Medicine 9th Annual Research Retreat, Milwaukee, WI, 03/2023.
14. Thapar M, Partovi O, Petroll A, Agrawal H, **Zehm A**. Operation Conversation: Using a peer-led roleplay model to help pre-clinical medical students improve interpersonal skills and navigate difficult patient conversations, *Wisconsin Medical Journal*, spring 2023.
15. Thapar M, Partovi O, Petroll A, Agrawal H, **Zehm A**. Operation Conversation: Using a peer-led roleplay model to help pre-clinical medical students improve interpersonal skills and navigate difficult patient conversations, *Wisconsin Medical Journal*, 2023; 122(2): 149-151
16. Thapar M, Partovi O, McGauley M, Gitter C, Zepeda JL, Agrawal H, Petroll A, **Zehm A**. Operation Conversation: Using a Peer-led Roleplay Model to Help Pre-clinical Medical Students Improve Interpersonal Skills and Navigate Difficult Patient Conversations, selected poster presentation at MCW Innovations in Healthcare Education Research conference, Milwaukee, WI, 09/20/2023
17. **Zehm A**, Mullin J, Teaching Communication Skills, Relationship-Centered Care, and Deliberate Practice to Novice Learners, Directors of Clinical Skills Annual Meeting, Seattle, WA, November 3, 2023

**Peer Reviewed Educational Products**

1. **Zehm A**, Bear A. Aquifer Excellence in Palliative Care 01: Principles of Palliative Care. [www.aquifer.org](http://www.aquifer.org). July 2022.
2. Taub S, Lanocha N, **Zehm A**. Aquifer Excellence in Palliative Care 12: Pediatric Palliative Care. [www.aquifer.org](http://www.aquifer.org). January 2023.