

CURRICULUM VITAE

PAULA M. TERMUHLEN M.D.

US Citizen

**Regional Campus Dean and Professor of Surgery (with tenure)
University of Minnesota Medical School, Duluth Campus**

IDENTIFYING INFORMATION

Education

Degree	Institution	Dates
B.S. (summa cum laude)	St. Louis University St. Louis, MO	1985
M.D.	St. Louis University St. Louis, MO	1989
Resident	Department of General Surgery University of Texas HSC Houston, TX	1989 - 1991
NIH T-32 Research Fellowship	MD Anderson Cancer Center Houston, TX	1991 - 1993
Resident	Department of General Surgery University of Texas HSC Houston, TX	1993 - 1995
Fellowship in Surgical Oncology	MD Anderson Cancer Center Houston, TX	1995 - 1998
Administrative Colloquium	University of Nebraska Medical Center Omaha, NE	2000 - 2001
Hedwig van Amerigen Executive Leadership in Academic Medicine (ELAM)	Drexel University College of Medicine Philadelphia, PA	2008 - 2009
Leadership Development Program	Medical College of Wisconsin/ University of Wisconsin-Milwaukee Milwaukee, WI	2012 - 2013
Council of Deans (COD) Fellow	Assoc of American Medical Colleges	2019-2020

Certifications, Licenses

Certifications	Issued
Diplomate, Issued by American Board of Surgery, Exp. 2007	1997
Recertification Exp. 2017	2005
Recertification Exp. 2027	2015

Medical Licensure	First Issued
Minnesota: Active	2015
Wisconsin: Active	2011
Ohio: Inactive	2001
Nebraska: Inactive	1998
Texas: Inactive	1990
 Academic Appointments	
Professor of Surgery (with tenure), University of Minnesota Medical Minneapolis, MN	2015 - Present
Professor of Surgery, Medical College of Wisconsin, Milwaukee, WI	2011 - 2015
Associate Faculty, PhD Program Biomedical Sciences, Wright State University, Dayton, OH	2008 - 2011
Associate Professor of Surgery, Boonshoft School of Medicine Wright State University, Dayton, OH	2005 - 2011
Assistant Professor of Surgery, Boonshoft School of Medicine, Wright State University, Dayton, OH	2001 - 2005
Assistant Professor of Surgery, University of Nebraska Medical Center, Omaha, NE	1998 - 2001
Junior Faculty Associate, MD Anderson Cancer Center, Department of Surgical Oncology, University of Texas, Houston, TX	1995 - 1998
 Academic Administrative Appointments	
Regional Campus Dean, University of Minnesota Medical School, Duluth campus, Duluth, MN	2015 - Present
Faculty Leader and Director of Regional Campus Development, Community Medical Education Program, Medical College of Wisconsin, Milwaukee, WI	2012 - 2014
Program Director, General Surgery Residency, Medical College of Wisconsin, Milwaukee, WI	2011 - 2014
Vice Chair, Department of Surgery, Boonshoft School of Medicine, Wright State University, Dayton, OH	2010 - 2011
Chief, Division of Surgical Oncology, Department of Surgery, Wright State University, Boonshoft School of Medicine, Dayton, OH	2007 - 2011
Program Director, General Surgery Residency, Wright State University Boonshoft School of Medicine, Dayton, OH	2002 - 2011

Associate Program Director, General Surgery Residency, 2001 - 2006
Wright State University Boonshoft School of Medicine,
Dayton, OH

Clinical/Hospital Appointments

Physician Champion for Clinical Informatics, Surgical Services, 2014 - 2015
Froedtert & Medical College of Wisconsin, Milwaukee, WI

Medical Director, High Risk Breast Cancer Program, Froedtert & 2012 - 2015
Medical College of Wisconsin Cancer Center, Milwaukee, WI

Medical Director, High Risk Breast Center, Miami Valley Hospital, 2009 - 2011
Dayton, OH

Medical Director, Surgical Oncology, Miami Valley Hospital, 2007 - 2011
Dayton, OH

Medical Director, Breast Services, Kettering Medical Center, 2006 - 2007
Dayton, OH

American College of Surgeons Cancer Liaison Physician, 2002 - 2007
Kettering Health Network, Dayton, OH

Hospital Staff Privileges

Essentia Health East Region 2015 – Present

Current Membership in Professional Organizations

American Surgical Association 2019 - Present
MN Medical Association 2015 - Present
American Association of Medical Colleges 2012 - Present
Group on Regional Medical Campuses 2012 - Present
Society of University Surgeons 2010 - Present
Central Surgical Association 2006 - Present
American Society of Breast Surgeons 2004 - Present
Association of Program Directors in Surgery 2001 - Present
Society for Surgery of the Alimentary Tract 2001 - 2010
American Medical Association 2001 - 2014
Association of Surgical Education 1999 - Present
Society of Surgical Oncology 1999 - Present
Association of Academic Surgeons 1999 - 2010
American Society of Clinical Oncology 1999 - Present
Association of Women Surgeons 1998 - Present
American College of Surgeons 1992 - Present

**HONORS AND AWARDS FOR RESEARCH WORK, TEACHING, PUBLIC ENGAGEMENT,
AND SERVICE**

External Sources

Academy of Master Surgeon Educators
Associate Member

American College of Surgeons	2018 - 2023
Best Doctors in America	2013 - 2015
Alpha Omega Alpha Wright State University Boonshoft School of Medicine Chapter	2005
Clinical Resident Teacher of the Year Wright State University, Department of Surgery	2004
Outstanding Faculty Teacher Award University of Nebraska, Department of Surgery	2000
Clinical Fellows Research Award University of Texas MD Anderson Cancer Center	1996
George W. Waldron Surgical Award for Outstanding Service University of Texas HSC-Houston	1995

RESEARCH AND SCHOLARSHIP

Grants and Contracts

External Sources

Peer Review

Title: Planning Phase: Community Medical Education Program 2012 - 2015
 Source: Advancing Healthier Wisconsin
 Direct Funds: \$4,000,000
 Role: Co-Principal Investigator with Joseph Kerschner, MD

Prior

Non-Peer Review

Title: Parvis Kamangar Foundation Ethics Award for Surgical 2008
 Resident Training in Medical Ethics
 Source: Parvis Kamangar Foundation
 Direct Funds: \$1000

Publications

Refereed Journal Publications and Original Papers

1. Skube SJ, Thorndal N, Boulger JG, Clark K, Coverdill JE, **Termuhlen PM**, Chipman JG, Acton RD. Outcomes and influences of rural-focused integrated clerkship programs in general surgery. *Am J Surg.* 2019 Dec 25 doi: 10.1016/j.amjsurg.2019.11.040. [Epub ahead of print]
2. **Termuhlen PM**, Owen MJ, Wirta-Kosobuski A. The difference a mission driven campus can make: Serving American Indian/Alaska Native communities. *J Reg Med Campuses.* 2019. 2(3) DOI: <https://doi.org/10.24926/jrnc.vi0.2205>
3. **Termuhlen, PM**. Reaping the fruits of our labor. *J Reg Med Campuses.* 2019. 2(3) DOI: <https://doi.org/10.24926/jrnc.vi0.2205>

4. Mercier PJ, Skube SJ, Leonard SL, McElroy AN, Goettl TG, Najarian MM, **Termuhlen PM**, Chipman JG. Creating a rural surgery track and a review of rural surgery training programs. *J Surg Educ*. 2019 76(2): 459-468. <https://doi.org/10.1016/j.jsurg.2018.09.004>

5. Stella JJ, Lamb DL, Stain SC, **Termuhlen PM**. Understanding ACGME scholarly activity requirements for General Surgery programs in the era of Single Accreditation and the Next Accreditation System. *Am Surg*. 2018 Feb 84(2):e40-e43(4).

6. **Termuhlen PM** and Johns A. Why Journal of Regional Medical Campuses? Why now? *J Reg Med Campuses*. 2018. Doi: 10.24926/jrmc.v1i1.1004

7. Coverdill JE, Shelton JS, Alseidi A, Borgstrom DC, Dent DL, Dumire, R, Fryer J, Hartranft TH, Holsten SB, Nelson MT, Shabahang MM, Sherman SR, **Termuhlen PM**, Woods RJ, Mellinger JD. The promise and problems of non-physician practitioners in general surgery education: Results of a multi-center, mixed-methods study of faculty. *Am J Surg*. 2018 Feb;215(2):222-226 Doi: 10.1016/j.amjsurg.2017.10.040 Epub 2017 Nov 5. PMID: 29137723

8. Coverdill JE, Alseidi A, Borgstrom DC, Dent DL, Dumire, R, Fryer J, Hartranft TH, Holsten SB, Nelson MT, Shabahang MM, Sherman SR, **Termuhlen PM**, Woods RJ, Mellinger JD. Assessing the 16 hour intern shift limit: Results of a multi-center, mixed-methods study of residents and faculty in general surgery. *Am J Surg*. 2018 Feb; 215(2):326-330. 2017 Nov 4. doi: 10:1016/j.amjsurg.2017.08.053. Epub 2017 Nov 4 PMID: 29132645

9. Joshi AR, Vargo D, Mathis A, Love JN, Dhir T, **Termuhlen PM**. Surgical residency recruitment-Opportunities for improvement. *J Surg Educ*. 2016 Nov-Dec;73(6):e104-e110. PMID: 27886970

10. Regalie WS, **Termuhlen PM**, Little AG. Changes in Thoracic Surgery Experience During General Surgery Residency: A review of case logs from the Accreditation Council for Graduate Medical Education. *Ann Thorac Surg*. 2016 Dec; 102(6): 2095-2098. PMID: 27623275

11. Coverdill JE, Alseidi A, Borgstrom DC, Dent DL, Dumire RD, Fryer J, Hartranft TH, Holsten SB, Nelson MT, Shabahang M, Sherman S, **Termuhlen PM**, Woods RJ, Mellinger JD. Professionalism in the Twilight Zone: A multicenter, mixed-methods study of shift transition dynamics in surgical residencies. *Acad Med*. 2016 Nov; 9:S31-S36. PMID: 27779507

12. **Termuhlen, PM**, O-Yurvati AH, Stella JJ. Requirements for Certification in Surgery: A comparison of the American Board of Surgery and the American Osteopathic Board of Surgery. *J Am Osteopath Assoc*. 2016 Oct 1; 116:676-82. PMID: 27669072

13. Minter RM, Amos KD, Bentz ML, Blair PG, Brandt C, D’Cunha J, Davis E, Delman KA, Deutsch ES, Divino C, Kingsley D, Klingensmith M, Meterissian S, Sachdeva AK, Terhune K, **Termuhlen PM**, Mullan PB. Transition to surgical residency: A multi-institutional study of perceived intern preparedness and the effect of a formal residency preparatory course in the fourth year of medical school. *Acad Med*. 2015 Aug; 90(8):1116-24 Mar 17 [epub ahead of print] PMID: 25785673.

14. Yost MJ, Gardner J, Bell RM, Fann SA, Lisk JR; for the TriMetrix and Success Research Group, Cheadle WG, Goldman MH, Rawn S, Weigelt JA, **Termuhlen PM**, Woods RJ, Endean ED, Kimbrough J, Hulme M. Predicting academic performance in surgical training. *J Surg Educ.* 2015 72(3): 491-9. Jan 16 [Epub ahead of print] PMID: 25600356.
15. Grignol VP, Grannan K, Sabra J, Cromer R, Jarman B, Dent D, Sticca R, Nelson MT, Kukora JS, Daley BJ, Treat RW, **Termuhlen, PM**. Multi-institutional study of self-reported attitudes and behaviors of general surgery residents about ethical academic practices in test-taking. *J Surg Educ.* 70(6): 777-781, 2013.
16. Amin AL, Purdy AC, Mattingly JD, Kong AL, **Termuhlen, PM**. Benign breast disease. *Surg Clin North Am.* 93(2): 299-308, 2013.
17. Gustafson JD, Fox JP, Ouellette JR, Hellan M, **Termuhlen P**, McCarthy MC, Thambi-Pillai T. Open versus laparoscopic liver resection: Looking beyond the immediate postoperative period. *Surg Endosc.* 26(2): 468-472, 2012.
18. Tuttle R, Miller KR, Maiorano JN, **Termuhlen PM**, Gao Y, Berberich SJ. Novel senescence associated gene, YPEL3, is repressed by estrogen in ER+ mammary tumor cells and required for tamoxifen-induced cellular senescence. *Int J Cancer.* 130(10): 2291-2299, 2012.
19. Grignol VP, **Termuhlen PM**. Gastrointestinal stromal tumor surgery and adjuvant therapy. *Surg Clin North Am.* 91(5): 1079-87, 2011.
20. **Termuhlen PM**, Damewood RB, Dent D, Fuhrman G, Haisch C, Nelson MT, Borman K, Friedell M; Association of Program Directors of Surgery Finance Committee. Development of an industry relations policy by the Association of Program Directors in Surgery: a report from the finance committee. *J Surg Edu.* 68(5):347-349, 2011.
21. Schenarts PJ, **Termuhlen PM**, Pasley J, Rose JS, Friedell ML. A primer on how to select osteopathic applicants to an allopathic general surgery residency. *J Surg Educ.* 68 (3): 239-245, 2011.
22. Van Eaton EG, Tarpley JL, Solorzano CC, Cho CS, Weber SM, **Termuhlen, PM**. Resident education in 2011: Three key challenges on the road ahead. *Surgery.* 2011;149(4): 465-473, epub 2011, Feb 5.
23. Tuttle R, Simon M, Hitch DC, Maiorano JN, Hellan M, Ouellette J, **Termuhlen P**, Berberich SJ. Senescence-associated gene YPEL3 is downregulated in colon tumors. *Ann Surg Oncol.* 18(6): 1791-1796, 2011.
24. Coverdill JE, Carbonell AM, Cogbill TH, Fryer J, Fuhrman GM, Harold KL, Hiatt JR, Moore RA, Nakayama DK, Nelson MT, Schlatter M, Sidwell RA, Tarpley JL, **Termuhlen PM**, Wohltmann C, Mellinger JD. Professional values, value conflicts, and assessments of the duty-hour restrictions after six years: a multi-institutional study of surgical faculty and residents. *Am J Surg.* 201(1): 16-23, 2011.

25. Coverdill JE, Carbonell AM, Fryer J, Fuhrman GM, Harold KL, Jarman BT, Moore RA, Nakayama DK, Nelson MT, Schlatter M, Sidwell RA, Tarpley JL, **Termuhlen PM**, Wohltmann C, Mellinger JD. A new professionalism? Surgical residents, duty hours restrictions, and shift transitions. *Acad Med.* 85(10 Suppl):S72-75, 2010.
26. Grignol VP, Gans A, Booth BA, Markert R, **Termuhlen PM**. Self-reported attitudes and behaviors of general surgery residents about ethical academic practices in test-taking. *Surgery.* 148(2):178-80, Epub 2010, Jun 9.
27. Izu B., **Termuhlen PM**. Surgical practice: Evidence or anecdote. *J Surg Educ.* 66(5): 281-284. 2009.
28. **Termuhlen PM**, Izu B. What will we do for basic science conference this year? *Organs in Depth.* *J Surg Educ.* 65(2):137-139, 2008.
29. Downey DM, Ekeh AP, McCarthy MC, **Termuhlen PM**. The practical application of the Accreditation Council for Graduate Medical Education's General Competencies through the formation of a "trauma support group." *J Surg Educ.* 65(2): 133-135, 2008.
30. Izu B, Johnson RM, **Termuhlen PM**, Little AG. Effect of the 30-hour work limit on resident experience and education. *J Surg Educ.* 64 (6): 361-364, 2007.
31. **Termuhlen, PM**, Mann, BD. The Resident, the student, and the competencies. *Am J Surg.* 193(1): 94-95, 2007.
32. Coverdill JE, Adrales GL, Finley W, Mellinger JD, Anderson KD, Bonnell BW, Cofer JB, Dorner DB, Haisch C, Harold KL, **Termuhlen PM**, Webb AL. How surgical faculty and residents assess the first year of the Accreditation Council for Graduate Medical Education duty-hour restrictions: Results of a multi-institutional study. *Am J Surg.* 191(1):11-16, 2006.
33. Coverdill JE, Finley W, Adrales GL, Mellinger JD, Anderson KD, Bonnell BW, Cofer JB, Dorner DB, Haisch C, Harold KL, **Termuhlen PM**, Webb AL. Duty-hour restrictions and the work of surgical faculty: Results of a multi-institutional study. *Acad Med.* 81: 50-56, 2006.
34. Ouellette J, Patterson L, **Termuhlen P**. Interventional options for malignant upper gastrointestinal obstruction. *J Palliat Med.* 8(2):448-449, 2005.
35. Mann B, **Termuhlen P**. The Resident, the student and the competencies: a joint project of the ASE and APDS. Residency Assist Page of the American College of Surgeons, <http://www.facs.org/education/rap/index.html>, 2005.
36. Stamp T, **Termuhlen P**, Miller S, Nolan D, Hutzel P, Gilchrist J, Johnson RM. Before and after resident work hour limitations: An objective assessment of surgical residents well being. *Curr Surg.* 62(1): 117-121, 2005.
37. Ouellette JR, Small DG, **Termuhlen PM**. Evaluation of Charlson-Age Comorbidity Index as predictor of morbidity and mortality in patients with colorectal carcinoma. *J Gastrointest Surg* 8(8): 1061-1067, 2004.

38. Ouellette, JR, Woodyard L, Toth L, **Termuhlen PM**. Merkel cell carcinoma metastatic to the head of the pancreas. *JOP*. 5(2):92-96, 2004.
39. **Termuhlen PM**, Kemeny MM. Surgery in the older patient. *Oncology*. 16(2):183-189, 2002.
40. **Termuhlen PM**, Sweeney-Gotsch BM, Berman RS, Ellis LM, Bucana C, Shen Y, Cleary KR, McConkey DJ. Increased apoptosis in metastatic human colonic adenocarcinomas. *Cancer Bio Ther* 1(1): 58-63, 2002.
41. Windham TC, **Termuhlen PM**, Ajani JA, Mansfield PF. Adenocarcinoma of the stomach in patients age 35 years and younger: No impact of early diagnosis on survival outcome. *J Surg Onco* 81(3):p. 118-124, 2002: discussion 124-125.
42. Iwamura T, Shibata N, **Termuhlen P**, Nagano M, Yamada H, Hatakeyama K, Hayashi T, Toyoda K. Superficial neuroendocrine carcinoma of the esophagus. *Digestive Endoscopy*. 13: 216-219, 2001.
43. Bold RJ, **Termuhlen PM**, McConkey DJ. Apoptosis, cancer and cancer therapy. *Surg Oncol*. 6(3):133-142. 1997. doi:10.1016/S0960-7404(97)00015-7.
44. Bouvet M, Babiera GV, **Termuhlen PM**, Hester JP, Kantarjian HM, Pollock RE. Splenectomy in the accelerated or blastic phase of chronic myelogenous leukemia: A single-institution, 25-year experience. *Surgery*. 122(1): 20-25, 1997.
45. **Termuhlen PM**, Curley SA, Talamonti MS, Saboorian MH, Gallick GE. Site-specific differences in pp60^{c-src} activity in human colorectal metastases. *J Surg Res*. 54(4): 293-298, 1993.
46. Evans DB, **Termuhlen PM**, Byrd DR, Ames FC, Ochran TG, Rich TA. Intraoperative radiation therapy following pancreaticoduodenectomy. *Ann Surg*. 218(1): 54-60, 1993.

Peer-Reviewed Educational Materials

1. The General Surgery Milestone Project: A Joint Initiative of the Accreditation Council on Graduate Medical Education and the American Board of Surgery. July 2015.
www.acgme.org/acgmeweb/Portals/0/PDFs/Milestones/SurgeryMilestones.pdf *The Milestones are designed for use in the evaluation of resident physicians in the context of their participation in ACGME-accredited General Surgery residencies. They provide a framework for the assessment of the development of the resident physician in key dimensions of the elements of general surgery competency. Impact: Semi-annually utilized by 258 general surgery residencies to assess 7894 residents. Member of Milestone Working Group, developed content for competency areas, monograph preparation, alpha testing of Milestones and data acquisition.*
2. The Complex General Surgical Oncology Milestone Project: A Joint Initiative of the Accreditation Council on Graduate Medical Education and the American Board of Surgery. July 2015.
www.acgme.org/acgmeweb/Portals/0/PDFs/Milestones/ComplexGeneralSurgicalOncologyMilestones.pdf *The Milestones are designed for use in the evaluation of physicians in the context of*

their participation in ACGME-accredited Complex General Surgical Oncology fellowships. They provide a framework for the assessment of the development of the fellow physician in key dimensions of the elements of Complex General Surgical Oncology competency. Impact: Semi-annually utilized by 22 complex general surgical oncology fellowships to assess 101 fellows. Member of Milestone Working Group, developed content for competency areas, monograph preparation.

Books, Chapters, and Reviews

1. **Termuhlen, PM.** Training physicians for work in Greater Minnesota. In Minnesota Medicine. 2019 Sept/Oct pp. 26-27
2. **Termuhlen, PM** and Johns, A. University of Minnesota Medical School, Duluth Campus. In The Regional Medical Campus, A Resource for Faculty, Staff and Learners. Michael Flanagan, Editor. Atlantic Publishing, pp. 321-328, 2018
3. **Termuhlen, PM** and Westra, R. Survivorship. In Quality Cancer Care: Survivorship Before, During and After Treatment, Peter Hopewood and Mary Milroy, Editors. Springer, pp. 103-117, 2018
4. **Termuhlen PM and Westra, R.** Precision Medicine in Rural Minnesota: What does it look like? In Minnesota Physician. 21(8): 26-27, 40, 2017
5. Ciocca R, **Termuhlen PM**, Brooks AD. Breast Cancer Screening in: Obstetrics and Gynecology: A Competency-Based Companion, Michael Belden, Editor. Elsevier, Chapter 46, pp. 396-414, 2010.
6. Mann BD, Osterman MN, **Termuhlen PM.** Teaching Visual: Anatomic Relationships of the Pancreatic Head in: Surgery A Competency-Based Companion, Barry Mann, Editor. Saunders/Elsevier, pp. 216-221, 2008.
7. Milas M, Tavani DM, **Termuhlen PM.** Thyroid Nodule in a 48-Year-Old Woman (Case 14): in Surgery A Competency-Based Companion, Barry Mann, Editor. Saunders/Elsevier, pp. 176-183, 2008.
8. Brooks AD, **Termuhlen PM.** Teaching Visual: Breast Pathology: in Surgery A Competency-Based Companion, BD Mann, Editor. Saunders/Elsevier, pp. 154-158, 2008.
9. **Termuhlen PM.** Abnormal Screening Mammogram in a 48-Year-Old Female (Case 10): in Surgery A Competency-Based Companion, Mann Barry, Editor. Saunders/Elsevier, pp. 137-142, 2008.
10. **Termuhlen PM.** Section III Cases In Surgical Oncology, Section Editor: in Surgery A Competency-Based Companion, Mann Barry, Editor. Saunders/Elsevier, pp. 135-237, 2008.
11. Tempero MA, **Termuhlen PM**, Randall E. Brand, Cornelius McGinn. Clinical Aspects and Management of Pancreatic Adenocarcinoma: Management Options: Locally Advanced Unresectable Pancreatic Cancer. Ch. 33, p. 377. In: Gastrointestinal Oncology edited by James Abbruzzese ... [et al.]. New York: Oxford University Press, 2004.

12. Jean ME, **Termuhlen PM**, Grau AM. Carcinoma of the Thyroid and Parathyroid Glands. In: The M.D. Anderson Surgical Oncology Handbook. 3rd Ed. Feig, BW, Berger, DH, Fuhrman, GM, eds. Lippincott, Williams, and Wilkens, pp. 370-392, 2003.
13. **Termuhlen PM**. Nutrition in Cancer Patients. In: The M.D. Anderson Surgical Oncology Handbook. 3rd Ed. Feig, BW, Berger, DH, Fuhrman, GM, eds. Lippincott, Williams, and Wilkens, pp. 557-562, 2003.
14. **Termuhlen PM**. Fellowship Training. In: Pocket Mentor: A Manual for Surgical Interns and Residents. Association of Women Surgeons, pp. 85-89, 2001.
15. **Termuhlen, PM**. Review of The Mysteries Within: A Surgeon Reflects on Medical Myths, by SB Nuland, for Oncology Times. Simon & Schuster, New York, 2000.
16. **Termuhlen PM**. Nutrition in Cancer Patients. In: M.D. Anderson Handbook of Surgical Oncology, 2nd Ed. Feig BW, Berger DH, Fuhrman GM, eds. Lippincott Williams and Wilkens, pp. 478-483, 1999.
17. **Termuhlen PM**. Carcinoma of the Thyroid and Parathyroid Glands. In: M.D. Anderson Handbook for Surgical Oncology, 2nd Ed. Feig BW, Berger DH, Fuhrman GM, eds. Lippincott Williams and Wilkens, p. 313-328, 1999.
18. **Termuhlen PM**, DB Evans, CG Willett. Intraoperative Irradiation-Techniques and Results. In: Intraoperative Radiation Therapy in Pancreatic Carcinoma". Gunderson LL, Willett CG, Harrison LB, Calvo FA, eds. Humana Press, Inc., p. 201-222, 1999.
19. **Termuhlen PM**. Nutrition in Cancer Patients. In: M.D. Anderson Handbook of Surgical Oncology. DH Berger, BW Feig, and GM Fuhrman, eds. Little Brown and Company, p. 478-483, 1994.

Abstracts

1. Coverdill JE, Carbonell AM, Cogbill TH, Fryer J, Fuhrman GM, Harold K, Hiatt JR, Moore RA, Nakayama DK, Nelson MT, Schlatter M, Sidwell RA, Tarpley J, **Termuhlen PM**, Wohltmann C, Mellinger JD. Educating across a values and perceptual divide. Duty-hour restrictions after six years: A multi-institutional study of surgical faculty and residents. In Abstracts from the Proceedings of the 2010 Annual Meeting of the Association for Surgical Education (ASE). Teach Learn Med Oct 22(4): 337-342, 2010.
2. Grignol VP, Gans AJ, Booth BA, Markert RJ, **Termuhlen PM**. Self-reported attitudes and behaviors of general surgery residents about ethical practices in academic test-taking. J Surg Res 158 (2): 248, 2010.
3. Lopez A, Changchien Eric, Kuchipudi K, Chakrabarti A, **Termuhlen PM**. Surveillance anxiety in melanoma patients in the first year after diagnosis. Ann Surg Onc 16(S1): 112, 277, 2009.
4. Ouellette JR, Small D, **Termuhlen P**. Evaluation of Charlson-Age Comorbidity Index as predictor or morbidity and mortality in patients with colorectal carcinoma. Gastroenterology 124 (4): A816-A816 Suppl, 2003.

5. Copur MS, Ledakis P, Bolton M, Lynch J, **Termuhlen P**, Brand R, Norvell M, Muhvic J, Swantek S, Frost V, Vanpelt E, Mleczo KL, Frankforter S. Weekly Cisplatin(p) and Gemcitabine(g) in patients with locally advanced or metastatic pancreatic cancer. ASCO Proc, 619, 2001.
6. Wolff RA, Marady AR, Pisters PWT, Lee JE, Lenzi R, Vauthey JN, Janjan NA, Crane CH, Staley C, **Termuhlen P**, Cleary K, Charnsangavej C, Abbruzzese JL, Evans DB. Pre-operative gemcitabine and radiation for resectable adenocarcinoma of the pancreas - preliminary report of a Phase II multi-institutional trial. Clinical Cancer Research 5:225 Suppl, 1999.
7. **Termuhlen PM**, McConkey DJ. Increased sensitivity to apoptosis in human colon cancer cell lines associated with increased metastatic potential. Proceedings of the 88th Annual Meeting of the American Association for Cancer Research, 137, 1997.
8. **Termuhlen PM**, Talamonti MS, Gallick GE. Increased tyrosine kinase activity of pp60c-src is an intrinsic property of colorectal metastases. Proceedings of the 83rd Annual Meeting of the American Association for Cancer Research, 132, 1992.
9. Hutcheson PS, Jarmoc LM, Lodesch LM, **Termuhlen PM**, Slavin RG. A longitudinal study of aspergillus sensitivity in cystic fibrosis. J Allergy Clin Immunol, (79): 262, 1987.

Visiting Professorships, Invited Lectures, Workshops, and Presentations

Invited Oral Presentations at National Professional Meetings, Conferences, etc.

1. Building Educational Capacity with Native American Communities, Group on Regional Medical Campuses Spring Meeting, Charleston, SC, 2020 (Meeting cancelled due to COVID-19)
2. Training Surgeons for Rural Practice, 48th Annual Webber Day Symposium Lecturer, Maine Medical Center, Portland, ME, 2019
3. Diversity and Inclusion Beyond Checking the Boxes: Recruiting diversity is not enough, retention is equally important, Association of Program Directors in Surgery, Chicago, IL, 2019
4. Training Surgeons for Rural Practice, Distinguished Alumnus Lecture, Stanley J. Dudrick, MD Lecture Series, University of Texas Health Science Center, Houston, TX, 2019
5. Best practices in Recruitment and Retention, American College of Surgeons, Clinical Congress, Boston, MA, 2018
6. Forum on Community and Volunteer Faculty: Setting the Stage, American Association of Medical Colleges Forum on Volunteer and Community Faculty, Washington, DC, 2018
7. Residency Redesign: Where are we headed? American College of Surgeons, Clinical Congress, San Diego, CA, 2017
8. Strategies to Encourage Medical Student Recruitment into Surgical Residency, American College of Surgeons, Clinical Congress, San Diego, CA 2017
9. What is New: ABS, ACS, ACGME, RRC, SCORE, NRMP, Association of Program Directors in Surgery, San Diego, CA, 2017

10. Working with the Academically Challenging Resident, American Council of Academic Plastic Surgeons, Spring Retreat, Austin, TX, 2017
11. Best Practices for Compliance with the American College of Surgeons (ACS) Commission on Cancer (COC) Survivorship Care Plans Standard. American College of Surgeons, Florida Chapter, Webinar, February 16, 2017
12. Determining Competence and How to Measure It, University of Toledo Department of Surgery Medical Education Symposium, Toledo, OH, 2016
13. Using the SCORE Curriculum, University of Toledo Department of Surgery Medical Education Symposium, Toledo, OH, 2016
14. Resident Teaching and Scholarly Activity, University of Toledo Department of Surgery Medical Education Symposium, Toledo, OH, 2016
15. Entrustable Professional Activities and the Future of Surgical Education, Visiting Professor, University of Toledo Department of Surgery, Toledo, OH, 2016
16. Designing a New ERAS Application for General Surgery, Association of Program Directors in Surgery, Surgical Education Week, Boston, MA, 2016
17. Fix the Five or Forget the Five? The Future of General Surgery Training, Association of Program Directors in Surgery, Surgical Education Week, Boston, MA, 2016
18. How to Implement a Cancer Survivorship Program, American College of Surgeons, Clinical Congress, Chicago, IL, 2015
19. Use of an ERAS-Embedded Secondary Application to Better Match Medical Students into General Surgery Interviews: Dean's Perspective, Transition to Residency: Conversations Across the Medical Continuum, National Resident Matching Program, New Orleans, LA, 2015
20. GME Funding: The Good, the Bad and the Ugly, Visiting Professor, Gundersen Health System, LaCrosse, WI, 2015
21. New Frontiers in Melanoma, Visiting Professor, Gundersen Health System, LaCrosse, WI, 2015
22. Burnout and Attrition in Surgery, Women in Surgery Lecture, Department of Surgery, Visiting Professor, The University of Vermont Medical Center, Burlington, VT, 2015
23. How Do I Know When I Am Ready? Becoming a Residency Program Director, 3rd Annual Society of University Surgeons Mid-Career Academic Surgery Professional Development Course, Academic Surgical Congress, Las Vegas, NV, 2015
24. Developing Yourself as an Academic Surgical Educator, Forging a Trail for General Surgery Residents Emerging as Surgeons, Scholars and Leaders, Jackson Hole, WY, 2015
25. The Problem Resident: Time to Terminate, Navigating Through the Core Competencies Medical Education Symposium, University of Toledo College of Medicine and Life Sciences, Toledo, OH, 2014

26. Snippets in Surgery, Navigating Through the Core Competencies Medical Education Symposium, University of Toledo College of Medicine and Life Sciences, Toledo, OH, 2014
27. Burnout and Attrition in Surgery, Navigating Through the Core Competencies Medical Education Symposium, University of Toledo College of Medicine and Life Sciences, Toledo, OH, 2014
28. How to Navigate Through the Milestones in Medical Education, Faculty Development Symposium, Department of Surgery, University of Toledo College of Medicine and Life Sciences, Toledo, OH, 2014
29. Melanoma Update 2014, Visiting Professor, University of Texas Health Science Center-San Antonio, San Antonio, TX, 2014
30. Challenges and Opportunities for Regional Medical Campuses, University of Minnesota Medical School- Duluth Campus, Duluth, MN 2014
31. What's New in Melanoma, Lloyd Nyhus, MD and Robert Schmitz, MD Visiting Professor Award, University of Illinois College of Medicine at Chicago Metropolitan Group Hospitals Residency in General Surgery, Chicago, IL 2013
32. Milestones are not Millstones, Visiting Professor UF Surgical Education Retreat, University of Florida, Department of Surgery, Gainesville, FL, 2013
33. What's New in Melanoma, The Robert H Hux Visiting Professorship, University of Florida, Department of Surgery, Gainesville, FL, 2013
34. Training a Surgeon in 2013, Ohio Chapter of the American College of Surgeons Annual Meeting, Columbus, OH, 2013
35. Program Directors Leading the Way! Presidential Address, Association of Program Directors in Surgery, Orlando, FL, 2013
36. Surgical Training: Strategies for Success, Medical Student Program, American College of Surgeons, Clinical Congress, Chicago, IL, 2012
37. Who DOESN'T Want to Be a General Surgeon? Attrition in Surgical Training, 17th McDonough Visiting Professor, University of Cincinnati, Department of Surgery, Cincinnati, OH, 2012
38. Attrition in Surgical Residency: It's Time We Paid Attention, Visiting Professor, University of Hawaii, Department of Surgery, Honolulu, HI, 2012
39. Combating Stress and Burnout in Surgical Practice, Visiting Professor, University of Hawaii, Department of Surgery, Honolulu, HI, 2012
40. Combating Stress and Burnout in Surgical Practice, Visiting Professor, Tripler Army Medical Center, Department of Surgery, Honolulu, HI, 2012
41. ACA and GME Funding, Association of Women Surgeons, San Francisco, CA, 2011

42. Social Networking for Surgeons, University of New Mexico, Department of Surgery, Albuquerque, NM, 2010
43. Selecting Replacement Residents Off-cycle and Outside the Match, Association of Program Directors in Surgery, San Antonio, TX, 2010
44. Impact of the New IOM Report, Association of Academic Surgery, Academic Surgical Congress, San Antonio, TX, 2010
45. Academic Professionalism, Visiting Professor, Medical College of Wisconsin, Department of Surgery, Milwaukee, WI, 2009
46. Planned and Unplanned Medical Leave-It's not just about maternity leave, American College of Surgeons Clinical Congress, Chicago, IL, 2009
47. Osteopathic Schools and Students, Association of Program Directors in Surgery, Salt Lake City, UT, 2009
48. Teaching End of Life Care and Capturing ACGME Outcomes, Meet the Professor Breakfast Society of Surgical Oncology, Washington, DC, 2007
49. It Could Happen Tomorrow...Katrina Update, Association of Program Directors in Surgery, Tucson, AZ, 2006
50. Palliation of GI Malignancies, 31st Annual American Academy of Physician Assistants Conference, New Orleans, LA, 2003
51. Palliative Care in Abdominal Cancer, 5th Annual Association of Physician Assistants in Oncology Conference, Omaha, NE, 2002

Invited Oral Presentations at Local and Regional Professional Meetings, Conferences, etc.

1. Malignant Melanoma: Optimal Local and Regional Therapy, Illinois Surgical Society, Lake Geneva, WI, 2012
2. Palliation of Malignant Bowel Obstruction, Visiting Professor, Good Samaritan Hospital Department of Surgery, Cincinnati, OH, 2006
3. Palliation of Malignant Bowel Obstruction. Visiting Lecture Pro Tempore, The Cleveland Clinic Educational Foundation, Department of General Surgery, Cleveland, OH, 2005

Peer-reviewed Oral Presentations at Professional Meetings, Conferences, etc.

Regional

1. Leveraging Collaboration to Build a Workforce for Wisconsin: The MCW Community Medical Education Program, Advancing Healthier Wisconsin 10th Anniversary Conference, Milwaukee, WI, 2014
2. PGY-1 Competency Certification: Process Design and Improvement, Wisconsin Surgical Society, Kohler, WI, 2011

3. Cost-Effectiveness of Postoperative Supplemental Home Enteral Nutrition Following Pancreaticoduodenectomy, South Texas Chapter of the American College of Surgeons, Houston, TX, 1994

National

1. The Difference a Mission Driven Campus Can Make: Serving American Indian and Alaska Native Communities, Group on Regional Medical Campuses, Spokane, WA, March 2019.
2. SCORES's This Week in SCORE(TWIS) Quiz: Improving Efficiency and Consistent Quality Using a Crowd-Sourced Question Writing Process, American College of Surgeons, Clinical Congress, Boston, MA, October 2018.
3. Decision of Surgeons to Practice in Rural vs. Urban Settings, American College of Surgeons, Clinical Congress, San Diego, CA, October 2017.
4. Assessing the 16-hour intern Shift Limit: Results of a Multi-Center, Mixed-Methods Study of Residents and Faculty in General Surgery, Associate for Surgical Education, Surgical Education Week, San Diego, CA, April 2017
5. Leveraging the Power of Your Regional Medical Campus... aka Shameless Self-Promotion, Group on Regional Medical Campuses, Orlando, FL, 2017
6. The Promise and Challenges of Non-physician Providers in General Surgery Education: Results of a Multi-Center, Mixed-Methods Study of Faculty, Association for Surgical Education, Surgical Education Week, San Diego, CA, April 2017
7. Professionalism in the Twilight Zone: A Multi-center, Mixed-Method Study of Shift-Transition Dynamics in Surgical Residencies, Research in Medical Education, American Association of Medical Colleges, Learn Serve Lead, Seattle, WA, November 2016
8. An ERAS-embedded Secondary Application for Surgery, Association of Program Directors in Surgery-Surgical Education Week, Boston, MA, April 2016
9. Do All Radial Scars and Complex Sclerosing Lesions Diagnosed on Core Needle Biopsy Need to Undergo Surgical Excision? American Society of Breast Surgeons, Chicago, IL, May 2013
10. Multi-Institutional Study of Self-Reported Attitudes and Behaviors of General Surgery Resident about Ethical Academic Practices in Test-Taking, Association of Program Directors in Surgery, Orlando, FL, April 2013
11. Building Community Connections: Strategies for Engaging Stakeholders in Community Education Sites, Association of American Medical Colleges, Group on Regional Medical Campuses, Atlantic City, NJ, April 2013
12. Key Elements in Selecting Communities for Development of a Regional Medical Campus, Association of American Medical Colleges, Group on Regional Medical Campuses, Atlantic City, NJ, April 2013

13. Development of a Community Medical Education Program: The Journey and the Partners, Association of American Medical Colleges, San Francisco, CA, November 2012.
14. PGY-1 Competency Certification: Process Design and Improvement, Association of Program Directors in Surgery, San Diego, CA 2012
15. Laparoscopic versus Open Liver Resection: Beyond the immediate post-operative period, The Society for Surgery of the Alimentary Tract, Digestive Disease Week, New Orleans, LA, 2010
16. Self-Reported Attitudes and Behaviors of General Surgery Residents about Ethical Practices in Academic Test-Taking, Society of University Surgeons, Academic Surgical Congress, San Antonio, TX, 2010
17. Surveillance Anxiety in Melanoma Patients in the First Year after Diagnosis, Society of Surgical Oncology, Phoenix, AZ, 2009
18. The Impact of Non-U.S. Military Casualties on a Deployed Air Force Medical Hospital, American College of Surgeons Clinical Congress, San Francisco, CA, 2008
19. Teaching and Evaluating for the Six Core Competencies-Systems Based Practice and Practice Based Learning, Association of Program Directors in Surgery, Toronto, Ontario, 2008
20. Iraq, Integrated Programs and Training Military Surgeons, American College of Surgeons Clinical Congress, San Francisco, CA, 2008
21. End of Life Communication and Interpersonal Skills Training for Interns: A Systems Based Practice Format, Association of Program Directors in Surgery, Toronto, Ontario, 2008
22. Effect of 30 Hour Work Limit on Resident Case Coverage, Association of Program Directors in Surgery, Washington, DC, 2007
23. Teaching and Documenting Competency in Communication Skills, Professionalism, and Systems-Based Practice Using the End of Life Curriculum Workshop, Association of Program Directors in Surgery Annual Meeting, Houston, TX, 2004
24. Strategies for Incorporating Instruction in End-of-Life Care into Surgical Residency Training, Association of Surgical Education Annual Meeting, Houston, TX, 2004
25. Before and After Resident Work Hour Limitations: An Objective Assessment of Residents Well Being, Association of Program Directors in Surgery Annual Meeting, Houston, TX, 2004
26. Evaluation of Charlson-Age Comorbidity Index as Predictor of Morbidity and Mortality in Patients with Colorectal Carcinoma, 44th Annual Meeting of the Society of Surgery of the Alimentary Tract, Orlando, FL, 2003
27. Laparoscopic Diagnosis and Repair of Spigelian Hernias, Scientific Exhibit American College of Surgeons Clinical Congress, Chicago, IL, 2000
28. Rectal Adenocarcinoma Arising After Previous Pelvic Irradiation: Need for Long-Term Screening, Society of Surgical Oncology 50th Annual Cancer Symposium, Chicago, IL, 1997

29. Increased Sensitivity to Apoptosis in Human Colon Cancer Cell Lines Associated With Increased Metastatic Potential, 88th Annual Meeting of the American Association for Cancer Research, San Diego, CA, 1997
30. Adenocarcinoma of the Stomach in Patients Aged 35 Years and Younger: Does Delay in Diagnosis Alter Outcome? Society of Surgical Oncology, 50th Annual Cancer Symposium, Chicago, IL, 1997
31. Cost-Effectiveness of Postoperative Supplemental Home Enteral Nutrition Following Pancreaticoduodenectomy, Society of Surgical Oncology 47th Annual Cancer Symposium, Houston, TX, 1994
32. Intraoperative Radiation Therapy Following Pancreatic Resection, The Pancreas Club 26th Annual Meeting, San Francisco, CA, 1992
33. Increased Tyrosine Kinase Activity of pp60^{c-src} is an Intrinsic Property of Colorectal Metastases, 83rd Annual Meeting of the American Association for Cancer Research, San Diego, CA, 1992
34. Human Colorectal Metastases Have Site-Specific Differences in c-src Tyrosine Kinase Activity, Association for Academic Surgery, Montreal, Canada, 1992

PROFESSIONAL SERVICE AND PUBLIC OUTREACH

Service to Discipline/Profession/Interdisciplinary Area(s)

Editorships/Journal Reviewer Experience

Editorship

Journal of Regional Medical Campuses (z.umn.edu/JRMC) 2017-present

- Founding Editor-in-Chief

Cases in Surgical Oncology, in SURGERY:
A Competency – Based Companion 2008

Editorial Board

WISE-MD 2008 - 2014

Journal of Surgical Education 2007 – Present

- Reviewer of the Year 2018

Ad hoc Journal Review

Journal of the American College of Surgeons 2013 - Present

Annals of Surgical Oncology 2012 - Present

Surgery 2007 - Present

Academic Medicine 2007 - Present

Annals of Surgery 2007 - Present

Committee memberships

American College of Surgeons, Wisconsin Chapter, 2013 - 2015

Committee on Applicants

Wisconsin Surgical Society 2011 - 2015

Dayton Clinical Oncology Program (NCI-CCOP) (Co-Investigator) 2002 - 2011

American College of Surgeons, Ohio Chapter, District #6 Committee on Applicants	2002 - 2011
Ohio State Medical Association	2001 - 2011
Eppley Cancer Center at University of Nebraska Medical Center	1998 - 2001
Pancreatic SPORE Grant Working Group	

National Elected/Appointed Leadership and Committee Positions

American College of Surgeons

Associate Member, Academy of Master Surgeon Educators	2018 - 2023
Member, Commission on Cancer	2018 - Present
Vice Chair, Committee Forum on Fundamental Surgical Problems	2018 - 2020
Member, Committee for the Forum on Fundamental Surgical Problems	2014 - Present

Accreditation Council for Graduate Medical Education (ACGME)

Vice Chair, Residency Review Committee-Surgery	2016 - 2018
Member, Residency Review Committee – Surgery	2012 – 2018
Member, ACGME/ABS Complex General Surgical Oncology Milestones Workgroup	2014
ACGME-ABMS Milestones Summit	2014
ACGME/ABS Surgery Milestones Workgroup	2011 - 2013
Member, Appeals Panel for Surgery	2010 - 2012

American Board of Surgery

Entrustable Professional Activities (EPA) Workgroup	2017 - 2018
Co-Editor This Week in SCORE Quiz Development Committee	2014 - Present
SCORE Curriculum Advisory Council	2011 - Present
Member, SCORE (Surgical Council on Resident Education)	2008
Curriculum Systems-Based Practice Content Review Committee	
Associate Examiner, Certifying Examination	2005, 2013-2014, 2017, 2018-present

Association of Program Directors in Surgery

Inaugural Chair, Foundation Board	2014 - Present
Past-President	2013 - 2014
President	2012 - 2013
President-Elect	2011 - 2012
Program Committee	2011 - 2012
Treasurer	2007 - 2011
Program Committee	2004 - 2007
Board of Directors	2004 - Present
Executive Committee	2004 - Present
ASE Executive Committee Liaison	2004 - 2007

National Board of Medical Examiners

Member, USMLE Step 3 Test Material Development Committee	2019 - Present
Member, USMLE Management Committee	2014 - 2016
Member, USMLE Step 2 Committee	2010 - 2014
Member, USMLE Step 2 Interdisciplinary Review Committee	2007 - Present
Chair, USMLE Step 2 Test Material Development Committee	2007 - 2011
Item-writer, USMLE Step 2 Test Material Development Committee	2004 - 2007

Association of American Medical Colleges

Group on Regional Medical Campuses, Steering Committee 2019 - Present

Other

Association of Surgical Education APDS Liaison to MS4 2009 - 2012

Surgery Prep Curriculum Committee

Member, Joint Services Graduate Medical Education Selection Board 2004 - 2010

Member, National Cancer Institute Pancreatic Cancer Progress Review 2000

Group

National Program Mentorship Responsibilities

Association of Women Surgeons, Coaching Project

Alexis Nickols, MD, PGY-4 Surgery at University of Louisville 2018-2019

AAMC Leadership Education and Development Program

Roy Long, PhD, Medical College of Wisconsin 2019-2020

American College of Surgeons, CASEL Program

Kurt Davis, MD, Louisiana State University Health Science Center 2019-2020

Service to the University/Medical School/Department

Institutional Committee Service

University

Member, Precision Medicine Grand Challenges Workgroup 2016-2018

Academic Health Center

Member, College of Pharmacy Dean Search Committee 2016

Medical School

Co-Chair, Executive Committee 2018-2020

Liaison Commission on Medical Education (LCME) Self-Study

Co-Chair, Finance Subcommittee 2018-2020

Liaison Commission on Medical Education (LCME) Self-Study

Member, Search Associate Dean for GME Search Committee 2018

Chair, Search Committee 2017

Department of Family Medicine and Community Health Chair

Member, Search Committee 2017

Department of Surgery Chair

Member, Associate Dean for Faculty Affairs Search Committee 2015

Member, Women in Leadership Committee 2015-2017

Member, Duluth Graduate Medical Education Council 2015-present

Hospital-Essentia Health East Region

Member, Breast Program Leadership Committee 2017-present

Prior Institutions

Member, Core Team, Community Medical Education Program, 2012

Medical College of Wisconsin

Member, Psychiatry Chair Search Committee, Medical 2012

College of Wisconsin	
Member, MCWAH Appeals Committee of GMEC	2011 - 2012
Member, MCWAH Graduate Medical Education Committee, Medical College of Wisconsin	2011 - 2014
Member, Research Affairs Committee, Wright State University	2009 - 2011
Member, Surgery Chair Performance Review, Wright State University	2009
Member, LCME Self Study Faculty Committee, Wright State University	2008 - 2009
Member, Faculty Curriculum Committee, Wright State University	2008 - 2009

Prior Hospitals

Co-Chair, Operating Room Clinical Process Committee, Froedtert Memorial Lutheran Hospital/Medical College of Wisconsin	2012 - 2015
Member, Breast Cancer Steering Committee, Froedtert Memorial Lutheran Hospital/Medical College	2012 - 2015
Member, Program Committee, Western Ohio Breast Cancer Conference	2010
Member, Executive Committee, Wright State University	2010 - 2011
Chair, Program Committee, Western Ohio Breast Cancer Conference	2008
Member, Cancer Committee, Breast Care Collaborative, Miami Valley Hospital	2008 - 2011
Member, Oncology Services Steering Committee, Kettering Medical Center	2004
Member, Conflict of Interest Committee, Kettering Medical Center	2003 - 2005
Member, Dayton Area GME Consortium/ WSU Graduate Medical Education Committee, Wright State University	2002 - 2011
Member, Continuing Medical Education Committee, Wright State University	2002 - 2011
Member, Cancer Committee, Kettering Medical Center	2001 - 2007
Member, Graduate Medical Education Committee, Kettering Medical Center	2001 - 2006
Chair, Cancer Committee, Nebraska Health Systems	2001
Member, Scientific Review Committee, Nebraska Health Systems	1999 - 2001

Community Outreach Activities

<i>Doctors on Call</i> Special Programming COVID-19, WDSE Public Television	March-May 2020
<i>Doctors on Call</i> Moderator, WDSE Public Television Show, Duluth, MN	2018 - Present
Bell-ringer, Salvation Army Holiday Fund Drive	2016
Member, American Association of University Women, Duluth, MN	2015 - Present
Member, Board of Directors, American Cancer Society, Dayton, OH	2004 - 2007
Medical Advisor, Miami Valley Breast Cancer Task Force	2002 - 2011