

CURRICULUM VITAE

Julie M. Jorns MD

**Associate Professor
Department of Pathology
Division of Administration**

OFFICE ADDRESS:

Froedtert/MCW Laboratory Building
9200 W Wisconsin Ave
Milwaukee, WI 53226

CITIZENSHIP: U.S.A

EDUCATION:

09/1997 - 05/2001 B.S., University of Wisconsin at Oshkosh, Oshkosh, WI
08/2001 - 05/2005 M.D., Medical College of Wisconsin, Milwaukee, WI

POSTGRADUATE TRAINING AND FELLOWSHIP APPOINTMENTS:

07/2005 - 06/2009 Resident, anatomic and clinical pathology, University of Michigan, 1500 E. Medical Center Dr., Ann Arbor, MI 48109
07/2009 - 06/2010 Fellow, breast pathology, University of Michigan, 1500 E. Medical Center Dr., Ann Arbor, MI 48109
07/2010 - 06/2011 Fellow, surgical pathology, University of Michigan, 1500 E. Medical Center Dr., Ann Arbor, MI 48109

FACULTY APPOINTMENTS:

07/2011 - 06/2017 Assistant Professor of Pathology; University of Michigan Hospital and Health Systems, Ann Arbor, MI 48109
07/2017 - Present Associate Professor of Pathology; Medical College of Wisconsin, Milwaukee, WI 53226

EDUCATIONAL ADMINISTRATIVE APPOINTMENTS:

2011 - 2017 Breast Pathology Course Director, medical student (M2) reproductive sequence; University of Michigan, 1500 E. Medical Center Dr., Ann Arbor, MI 48109
2011 - 2017 Surgical Pathology Fellowship Selection Committee; University of Michigan, 1500 E. Medical Center Dr., Ann Arbor, MI 48109
2011 - 2017 University of Michigan, 1500 E. Medical Center Dr., Ann Arbor, MI 48109
2013 - 2017 Breast Pathology Fellowship Director; University of Michigan, 1500 E. Medical Center Dr., Ann Arbor, MI 48109
2017 - Present Froedtert Memorial Lutheran Hospital, 9200 W. Wisconsin Ave., Milwaukee, WI 53226

HOSPITAL STAFF PRIVILEGES:

SPECIALTY BOARDS AND CERTIFICATION:

<u>Board Certified</u>	<u>Issue Date</u>	<u>Expiration</u>
American Board of Pathology	08/2010	12/2020
Pathology - Anatomic		None
Pathology - Clinical		None

<u>Licensure</u>	<u>Number</u>	<u>Issue Date</u>	<u>Expiration</u>
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Michigan License	4301086279	08/2010	01/31/2019
Wisconsin License	66876-20	02/2017	10/31/2017

AWARDS AND HONORS:

1997 - 2000 Varsity Letters; Women's Cross Country and Track and Field, University of Wisconsin Oshkosh
1998 - Present University of Wisconsin Oshkosh Leadership Award
2005 - Present American Society for Clinical Pathology
2005 - 2017 A. James French Society
2005 - Present United States and Canadian Academy of Pathology
2009 - Present A.J. French Traveling Fellowship; Infectious disease pathology, Armed Forces Institute of Pathology (AFIP)
2010 - 2017 Michigan Society of Pathologists
2010 - Present College of American Pathologists
2013 - Present University of Michigan Clinical Pathology Program of the Year - East Ann Arbor
Intraoperative Breast Cancer Management Practice
MEMBERSHIP IN PROFESSIONAL SOCIETIES:

INVITED LECTURES/WORKSHOPS/PRESENTATIONS:

Local

"Localization for Surgery: The Next Generation"
New Frontiers in Pathology Conference; Breast Pathology Break-out Session, annual conference, Ann Arbor, MI, September 30, 2010
"Controversies in breast pathology: Intraoperative frozen section analysis of lumpectomy margins"
New Frontiers in Pathology Conference; Breast Pathology Break-out Session, annual conference, Ann Arbor, MI, October 13, 2011
"Controversies in breast pathology: Sentinel lymph node biopsies"
New Frontiers in Pathology Conference; Breast Pathology Break-out Session, annual conference, Ann Arbor, MI, September 26, 2013
"Lobular neoplasia: Morphology and management"
Operating Room Staff Continuing Medical Education Series, Ann Arbor, MI, March 20, 2014
"Histology 101 & A little breast pathology and how it affects you"
New Frontiers in Pathology Conference; Breast Pathology Break-out Session, annual conference, Ann Arbor, MI, September 5, 2014
"Recent consensus guidelines on margins for breast-conserving surgery"
New Frontiers in Pathology Conference; Breast Pathology Case 13, annual conference, Ann Arbor, MI, September 5, 2014
"Multiple myeloma presenting as a breast mass mimicking invasive lobular carcinoma"
New Frontiers in Pathology Conference; Breast Pathology Break-out Session, annual conference, Ann Arbor, MI, October 23, 2015
"Papillary Lesions of the Breast: A Practical Approach to Diagnosis"
New Frontiers in Pathology Conference; Breast Pathology Break-out Session, annual conference, Ann Arbor, MI, October 14, 2016

Regional

Radiological Society of North America (RSNA) annual meeting, Chicago, IL, December 2009
"Metaplastic carcinoma of the breast: imaging and histopathologic correlation"
Bronson Battle Creek Cancer Symposium, Battle Creek, MI, October 12, 2013
"Intraoperative evaluation of lumpectomy margins"
Visiting Professor, Munson Medical Center, Traverse City, MI, August 11-12, 2016
"Breast Frozen Sections at the University of Michigan"
"Evolution of Breast Cancer Treatment in the Last Decade: How it has Influenced Pathology"
Visiting Professor, William Beaumont Hospital, Royal Oak, MI, September 13, 2016
"Papillary Lesions of the Breast"

National

American Roentgen Ray Society, annual meeting, Vancouver, BC, May 4, 2012

American College of Rheumatology, annual meeting, Washington, DC, November 2012
 "The DEK Autoantigen regulates formation of neutrophil extracellular traps and zymosan induced arthritis in mice"

International Association for Dental Research, annual meeting, San Francisco, CA, March 2013
 "Chronic oral infection exacerbates the development and severity of collagen-induced arthritis via Th17 cell responses"

Visiting Professor, University of Colorado, Anschutz campus, Denver, CO, February 9-10, 2017
 "Breast pathology unknowns" resident slide conference
 "Breast Atypias" Grand rounds

Society of Breast Imaging, annual conference, Los Angeles, CA, April 6, 2017
 American Roentgen Ray Society, annual meeting, Vancouver, BC, May 4, 2012
 "Flat Epithelial Atypia: Underestimation rate and pathologic correlation"
 "Pleomorphic LCIS: Imaging features, upgrade rate, and clinical outcomes"
 "Incidental FDG uptake in the breast: What should we do?"

BIBLIOGRAPHY

Refereed Journal Publications/Original Papers

1. Jorns J.M. and Knoepp S.M. Occult fallopian tube carcinoma detected in routine pelvic washing specimens submitted for staging: Another justification for pelvic washing cytology? *Diagnostic Cytopathology*. 2009; 37(17): 923-929. (Cover article)
2. Sujata S., Cooney L.A., White P., Dunlop D.B., Endres J., Jorns J.M., Wasco M.J., Fox D.A. Regulation of pathogenic IL-17 responses in collagen-induced arthritis: roles of endogenous interferon-gamma and IL-4. *Arthritis Research & Therapy*. 2009; 11(5): R158.
3. Jorns J.M. and Knoepp S.M. Asteroid bodies in lymph node cytology: Infrequently seen and still mysterious. *Diagnostic Cytopathology*. 2011; 39(1): 35-6.
4. Sabel M.S., Jorns J.M., Wu A.J., Myers J.L., Newman L.A., Breslin T.M. Development of an intraoperative pathology consultation service at a free-standing ambulatory surgical center: clinical and economic impact for patients undergoing breast cancer surgery. *The American Journal of Surgery*. 2012; 204(1): 66-77.
5. Kehr E.A., Jorns J.M., Ang D., Warrick A., Neff T., Degnin M., Lewis R., Beadling C., Corless C.L., Troxell M.L. Mucinous Breast Carcinomas Lack PIK3CA and AKT1 Mutations. *Human Pathology*. 2012 D; 43(12): 2207-12.
6. Butler R., Pinsky R. and Jorns J.M. Alveolar variant of invasive lobular carcinoma in a fibroadenoma. *The Breast Journal*. 2012; 18(6): 613-4.
7. Jorns J.M., Visscher D.V., Sabel M., Breslin T.M., Healy P., Daignault S., Myers J.L., Wu A.J. Intraoperative frozen section analysis of margins in breast conserving surgery significantly decreases reoperative rates: one year experience at an ambulatory surgical center. *American Journal of Clinical Pathology*. 2012; 138(5): 657-69.
8. Jorns J.M. and Patterson S.K. A case of juvenile papillomatosis, aka "swiss cheese disease," *The Breast Journal*. 2013; 19(4): 440-1.
9. Jorns J.M., Healy P., Zhao L. Review of ER, PR, and HER-2/neu immunohistochemistry impacts treatment for a small subset of breast cancer patients transferring care to another institution. *Archives of Pathology & Laboratory Medicine*. 2013; 137(11): 1660-3.
10. Marchesan J.T., Gerow E.A, Schaff R., Dan Taut A., Shin S.Y., Sugai J., Brand D., Burberry A., Jorns J., Lundy S.K., Nunez G., Fox D.A., Giannobile W.V. *Porphyromonas gingivalis* oral infection exacerbates the development and severity of collagen-induced arthritis. *Arthritis Research & Therapy*. 2013; 15:R186.
11. Jorns J.M. Nodular papillomatosis in a 12-year-old female. *The Breast Journal*. 2014; 4: 426-7.
12. Jorns J.M., Thomas D.G., Healy P., Daignault S., Mardis E.R., Vickery T., Snyder J.E., Davies S.R., Ellis M.J., Visscher, D.V. Estrogen receptor expression is high but of lower intensity in tubular carcinoma when compared to well-differentiated invasive ductal carcinoma. *Archives of Pathology and Laboratory Medicine*. 2014; 138(11): 1507-13.
13. Jorns J.M., Daignault S., Sabel M.S, Wu A.J. Is Frozen Section Evaluation of Reexcision Margins of Value in Preventing Reoperation? *American Journal of Clinical Pathology*. 2014; 142(5): 601-8.
14. Jorns J.M., Sabel M.S., Pang J.C. Lobular Neoplasia: Morphology and Management. *Archives of Pathology and Laboratory Medicine*. 2014; 138: 1344-1349.

15. Arps D., Jorns J.M., Zhao L., Bensenhaver J., Pang J.C. Re-excision Rates of Invasive Ductal Carcinoma with Lobular Features Compared to Pure Invasive Ductal Carcinoma and Invasive Lobular Carcinoma. *Annals of Surgical Oncology*. 2014; 21(13) 4125-8.
16. Walters L.L., Pang J.C, Zhao L., Jorns J.M. Ductal Carcinoma in situ with Distorting Sclerosis on Core Biopsy may be Predictive of Upstage on Excision. *Histopathology*. 2015; 66(4): 577-86.
17. Ishikawa M.K., Pinsky R.W., Smith L.B., Jorns J.M. Morphologic Mimics of Invasive Lobular Carcinoma. *Archives of Pathology and Laboratory Medicine*. 2015; 139(11): 1507-13.
18. East E.E., Pang J.C., Kidwell K., Jorns J.M. Utility of Estrogen Receptor, Progesterone Receptor and HER-2/neu Analysis of Multiple Foci in Multifocal Ipsilateral Invasive Breast Carcinoma. *American Journal of Clinical Pathology*. 2015; 144(6): 952-9.
19. Inyang A., Thomas D., Jorns J.M. Heterologous Liposarcomatous Differentiation in Malignant Phyllodes Tumor is Histologically Similar but Immunohistochemically and Molecularly Distinct from Well-differentiated Liposarcoma of Soft Tissue. *The Breast Journal*. 2016; 22(3): 282-6.
20. Jorns J.M. Extranodal Rosai-Dorfman Disease of the Breast. *The Breast Journal*. 2016; Sep 26. doi: 10.1111/tbj.12690. [Epub ahead of print].
21. Ishikawa M.K., Jorns J. M. Archives Applied - Breast, Renal and GI Diagnostic Challenges (SAM Eligible) © 2016 College of American Pathologists. On-line CME Self-Assessment Module released April 25, 2016.
22. Jorns J.M., Kidwell K.M. Sentinel Lymph Node Frozen Section Utilization Declines after Publication of American College of Surgeons Oncology Group Z0011 Trial Results with No Change in Subsequent Surgery for Axillary Lymph Node Dissection. *American Journal of Clinical Pathology*. 2016; 146(1): 57-66.
23. Jorns J.M. Papillary Lesions of the Breast: A Practical Approach to Diagnosis. *Archives of Pathology and Laboratory Medicine*. 2016; 140(10): 1052-9.
24. Briski L.M., Jeffries D.O., Jorns J.M. Primary Atypical Lipomatous Tumor/Well-Differentiated Liposarcoma (ALT/WDL) of the Breast. *The Breast Journal*. In press.
25. Mor-Vaknin N., Saha A., Legendre M., Carmona-Rivera C., Amin M.A., Rabquer B.J., Gonzales-Hernandez M.J., Jorns J., Mohan S., Yalavarthi S., Pai D.A., Angevine K., Almburg S.J., Knight J.S., Adams B.S., Koch A.E., Fox D.A., Engelke D.R., Kaplan M.J., Markovitz D.M. DEK-targeting DNA aptamers as therapeutics for inflammatory arthritis. *Nat Commun*. 2017 Feb 6;8:14252. doi: 10.1038/ncomms14252.
26. McCleskey B.C, Epstein, J.I., Albany C., Hashemi-Sadraei N., Idrees M.T., Jorns J.M., Lu D.Y., Matoso A., Rais-Bahrami S., Schwartz L.E., Ulbright T.M., Gordetsky J., The Significance of Lymphovascular Invasion of the Spermatic Cord in the Absence of Cord Soft Tissue Invasion. *Archives of Pathology & Laboratory Medicine*. 2017; 141(6): 824-9.
27. Park J, Wysocki RW, Amoozgar Z, Maiorino L, Fein MR, Jorns J, Schott AF, Kinugasa-Katayama Y, Lee Y, Won NH, Nakasone ES, Hearn SA, Küttner V, Qiu J, Almeida AS, Perurena N, Kessenbrock K, Goldberg MS, Egeblad M. Cancer Cells Induce Metastasis-Supporting Neutrophil Extracellular DNA Traps. *Science Translational Medicine*. 2016; 8, 361ra138: 1-12. (Cover article)
28. East E.G., Zhao L., Pang J.C., Jorns J. M. Characteristics of a Breast Consultation Practice. *Archives of Pathology & Laboratory Medicine*. 2017; 141(4): 578-84.
29. Griggs J.J., Hamilton A.S., Schwartz K.L, Zhao W., Abrahamse P.H., Thomas D. G., Jorns J.M., Jewell R., Sibug-Saber M.E., Haque R., Katz S.J. Discordance between Original and Central Laboratories in ER and HER2 Results in a Diverse, Population-Based Sample. *Breast Cancer Research and Treatment*. DOI 10.1007/s10549-016-4061-z
30. Briski L.B., Jorns J.M. Primary Breast Atypical Lipomatous Tumor/ Well-differentiated Liposarcoma and Dedifferentiated Liposarcoma. *Archives of Pathology & Laboratory Medicine*. In press.
31. Jorns J.M., Daignault S., Sabel M.S., Myers J.L., Wu A.J. Frozen Sections in Patients Undergoing Breast Conserving Surgery at a Single Ambulatory Surgical Center: 5 Year Experience. *European Journal of Surgical Oncology*. <http://dx.doi.org/10.1016/j.ejso.2017.01.237>
32. Muller K.E. and Jorns J.M. Metaplastic Carcinoma with Extensive Chondromyxoid Differentiation Arising in Association with Microglandular Adenosis. *International Journal of Surgical Pathology*. 2017 Mar 1:1066896917697822. doi: 10.1177/1066896917697822. [Epub ahead of print].
33. Muller K.E., Zhao L., Jorns J.M. Metastatic and Hematolymphoid Neoplasms Involving the Breast: 20 Year Experience at a Tertiary Center. *The Breast Journal*. In Press.
34. Jeffries D.O., Dossett L.A., Jorns J.M. Localization for Breast Surgery: The Next Generation. *Archives of Pathology and Laboratory Medicine*. In Press.

35. Muller K.E., Zhao L., Jorns J.M. Isolated Atypical Lobular Hyperplasia Diagnosed on Breast Biopsy: Low Upgrade Rate on Subsequent Excision with Long-Term Follow-up. *Archives of Pathology and Laboratory Medicine*. In Press.
36. East E.G., Gast K.M., Kuzon W.M., Roberts E., Zhao L., Jorns J.M. Clinicopathologic Findings in Female-to-Male Gender-Affirming Breast Surgery. *Histopathology*. 2017 Jun 28. doi: 10.1111/his.13299. [Epub ahead of print]
37. Rooney S.P., Hoffman S., Perrin J.C., Milliron K.J., Nees A.V., Jorns J.M. Patient-Friendly Reports for Patients with Breast Atypias. *The Breast Journal*. In Press.
38. BOOK CHAPTERS & REVIEW
39. Jorns J. M. and Breslin T.M. Advanced Therapy of Breast Disease, Chapter 72 (Paget Disease); People's Medical Publishing House, 2012; 1109-1118.
40. Jorns J. M., Kleer C.G. Ductal Carcinoma in Situ and Microinvasive/Borderline Breast Cancer, Chapter 4 (Pathology of Ductal Carcinoma in Situ: Features and Diagnostic Challenges); Springer, 2015; 39-49.