**KENNETH A. ICZKOWSKI, M.D.**

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*Personal*

Married 1999. Two children, born 2001 and 2004.

*Education and Training*

FELLOW IN UROLOGIC PATHOLOGY, January, 1997—May, 1998

Mayo Clinic, Rochester, Minnesota

David G. Bostwick, M.D., Genitourinary Pathologist, Director

FELLOW IN ANATOMIC PATHOLOGY, July, 1995—December, 1996

University of Kansas Medical Center, Kansas City, Kansas

Cooley G. Pantazis, M.D., Chief, Surgical Pathology Division

*Responsibilities: surgical pathology, frozen sections, cytology cases, supervising residents, tumor board and case presentations, and independent research.*

RESIDENT IN PATHOLOGY, 1992—1995

Dartmouth‑Hitchcock Medical Center

Lebanon, New Hampshire

William F. Hickey, M.D., Former chairman

DOCTOR OF MEDICINE, 1992

St. Louis University School of Medicine, St. Louis, Missouri

POST‑SOPHOMORE FELLOWSHIP, PATHOLOGY, 1989—90

St. Louis University Medical Center, St. Louis, Missouri

Carole Vogler, M.D., Director, Residency Training Program

BACHELOR OF ARTS (BIOLOGY), 1986

Columbia College of Columbia University

New York, New York GPA 3.68

*Professional Experience*

PROFESSOR, DEPARTMENTS OF PATHOLOGY AND UROLOGY, MEDICAL COLLEGE OF WISCONSIN, July 1, 2017- Milwaukee, WI

ASSOCIATE PROFESSOR, DEPARTMENTS OF PATHOLOGY AND UROLOGY, MEDICAL COLLEGE OF WISCONSIN, August 1, 2013- June 30, 2017 Milwaukee, WI

DIRECTOR, UROLOGIC PATHOLOGY, GoPath PATHOLOGY ASSOCIATES, S.C.

October 2012―July 2013, Buffalo Grove, IL

DIRECTOR OF LABORATORY, UROLOGY SPECIALISTS OF AMERICA, L.L.C.

June 2011—August 2012, Columbus, OH

ASSISTANT & ASSOCIATE PROFESSOR, PATHOLOGY, UNIVERSITY OF COLORADO SCHOOL OF MEDICINE

2007—2011, Aurora, Colorado

ASSISTANT PROFESSOR, PATHOLOGY, UNIVERSITY OF FLORIDA COLLEGE OF MEDICINE, and

STAFF PATHOLOGIST, VETERANS ADMINISTRATION MEDICAL CENTER,

August 21, 2000—2007, Gainesville, Florida

*Rotation Director, VA Surgical Pathology Resident Rotation*

STAFF PATHOLOGIST, July 1998—July 2000, Reading Hospital and Medical Center, Reading, PA

*Certification*

Diplomate, American Board of Pathology (Anatomic Pathology), 11/8/95.

Diplomate, National Board of Medical Examiners, 1993.

*Licenses* Illinois 036.135591 (exp. 07/31/20)

Wisconsin 60981-20 (exp. 10/31/17)

**Patents:**

U.S. Patent No. 7,745,121. “Polymorphism in the macrophage migration inhibitory factor (MIF) gene as marker for prostate cancer. Inventors: Katherine Siegler, Kenneth Iczkowski, Richard Bucala, Pedro L. Vera. Issued June 29, 2010.

U.S. Patent No. 11/579,785. “CD44 Variants 8-10 as Serum and Tissue Markers for Prostate Cancer.” Held jointly with A. Levi Omara-Opyene. Issued Jul 17, 2008.

Application in progress for “Serum NAG-1 Protein as a Marker for Prostate Cancer.” Provisional patent filed, UF#-11250, University of Florida

**Funding and Grant Support:**

**Current Collaborations: Co-Investigator**

“Project 2: Genetic & Physiological Basis of Salt-Sensitive Hypertension”   
1R01HL121233-01A1. Collaborator with 5% Salary support. NIH. P.I.: Mingyu Liang, Ph.D. Effective 07/01/2016-05/31/2018.

“Bayesian Ensemble Prediction for Identifying and Classifying Heterogeneity of Cell Types in Prostate Cancer” (PI: Peter LaViolette), Independent Research Seed Grant in Prostate Cancer Research – FP6760. Medical College of Wisconsin Cancer Center. Total cost $100,000, no salary support. May 1, 2016-April 30, 2018.

**Prior Funding as P.I.**

“Alternate Splicing of CD44 Messenger RNA in Prostate Cancer Growth” (PI: Iczkowski), Department of Defense Prostate Cancer Research Program, Grant Number PC060671. Direct cost: $173,116; Indirect cost: $93,483; Total cost: $266,599. April 1, 2007-October 31, 2009.

“Aberrant CD44 Messenger RNA in Prostate Carcinoma” (PI: Iczkowski), Research Scholar Grant, American Cancer Society, Grant Number RSG-02-157-01-CCE. Total cost $183,000. July 1, 2002-June 30, 2006.

“Aberrant CD44 Messenger RNA in Prostate Carcinoma” (PI: Iczkowski), Merit Review Entry Program, Veterans Administration, Grant Number 821-02. Total cost reduced to $26,667. October 1, 2002-2005.

“Trials of New Germ Cell Immunohistochemical Stains in Extragonadal and Metastatic Germ Cell Tumors” (PI: Iczkowski), Clinical Research Committee, University of Florida College of Medicine. Total cost $2,481.70. October 1, 2005-September 30, 2006.

“In Situ Hybridization for CD44 Variant Isoform mRNA in Prostate Carcinoma” (PI: Iczkowski), Clinical Research Committee, University of Florida College of Medicine. Total costs $4,143. April 1, 2001-March 30, 2002.

“NSAID-Activated Gene-1 (NAG-1) as a Marker for Prostate Cancer” (PI: Iczkowski), Clinical Research Committee, University of Florida College of Medicine. Total costs $4,581. July 1, 2002-June 30, 2003.

“Cell adhesion protein pinin (DSR/memA) expression in prostate cancer and other human tumors” (PI: Iczkowski), Clinical Research Committee, University of Florida College of Medicine. Total costs $1,983. October 1, 2004-September 30, 2005.

**Prior Funding as Co-Investigator**

“Histological Validation of MRI of the Prostate” (PI: Peter LaViolette), Independent Research Seed Grant in Prostate Cancer Research – FP6760. Medical College of Wisconsin Cancer Center. Total costs $100,000. May 1, 2014-April 30, 2016.

“Mycoplasmal Effects of Human Tumor Invasion” (PI: Rosser), Research Scholar Grant, American Cancer Society. Co-investigator (10% Effort). $2605 in 2007-8; $2705 in 2008-9; $2809 in 2009-10.

“MIF in the Human Prostate: Cancer Biomarker Validation and Cell Biology” (PI: Katherine Siegler, Ph.D.), Veterans Affairs Merit Review, Co-Investigator with 5% effort and $6000/year, April 1, 2007-March 31, 2010.

“Cyclin dependent kinase inhibitors in tumor growth in vivo” (PI: Ostrov), Clinical Research Committee, University of Florida College of Medicine. Total costs $3,000, October 1, 2005-September 30, 2006.

**Past collaborations in funded grants**

**Consultant** with Dr. Steve Goodison (PI), Department of Surgery, University of Florida. “Isolation of metastasis-inhibiting monoclonal antibodies in breast cancer.” Susan Komen Foundation Award, 2006-8.

**Paid Co-Investigator** with Dr. Pedro Vera, NIH (NIDDK) R21 grant entitled "Role of MIF in neurogenic inflammation of the Prostate and the Bladder” October 1, 2006-2009. 5% effort.

**Paid Co-Investigator** with Dr. Katherine Siegler, VA Merit Review grant entitled “MIF in the human prostate: cancer biomarker validation and cell biology” April 1, 2007-2010. 5% effort, $6000/year.

**Submitted, not funded**

1 R21 CA143888-01. “Evaluation of Efficacy of Polymanan Extract (Long-Chain Glucomannans) on Prostate Cancer Cells” (PI: Iczkowski, AN3312383). Submitted, July 2010.

**Teaching of Medical and Dental Students and Residents:**

*2007-2017* Gave lecture series and conducted small group sessions in pathology for 2nd year students.

*2003-2005* Coordinated the clinicopathologic Case Presentations by second-year medical students.

*2003-2005* Coordinated and taught student rotation in VA Surgical Pathology for second-year medical students.

*2003-2005* Lectured on Prostate Cancer to second-year medical students.

*2003-2005* Lectured on Prostate Cancer and Breast Cancer to dental students.

*Pathology Residents:*

*2000-present* Core Lecture and Conference Series. Responsibilities: 3 Lectures

November 21, 2002 Lecture: Prostate cancer

October 9, 2003 and September 14, 2004 Lecture: Testis and testicular adnexa

**Abstracts**

Mostafa, M., Banerjee, A., Rowan, D., Abdelkader, A., **Iczkowski, K.A.** Variation in Nuclear Size and PD-L2 Positivity Correlate with Aggressive Chromophobe Renal Cell Carcinoma*,* abstract confirmation #369, to the United States & Canadian Academy of Pathology’s 107th Annual Meeting, March 17th – 23th, 2018 in Vancouver, BC. Modern Pathology 2018;31: 5xxA.

Kravtsov, O., Lucia, M.S., Rybicki, B., Lambert, J.R., Torkko, K.C., **Iczkowski, K.A.** Racial Disparity in Expression of NF-κB and GDF15 in Prostate Cancer and Accompanying Benign Prostatic Epithelium: Dependence on Stage and Grade*,* abstract confirmation #370, to the United States & Canadian Academy of Pathology’s 107th Annual Meeting, March 17th – 23th, 2018 in Vancouver, BC. Modern Pathology 2018;31: 5xxA.

Magers, M., **Iczkowski, K.A.**, Montironi, R., Grignon, D., Zhang, S., Williamson, S.R., Yang, X., Wang, M., Osunkoya, A.O., Hes, O., Eble, J., Cheng, L. Analysis of MYB-NFIB Gene Fusion in Prostatic Basal Cell Carcinoma/Adenoid Cystic Carcinoma: Clinicopathologic Correlates and Comparison with Basal Cell Hyperplasia/Adenoma, abstract confirmation #628, to the United States & Canadian Academy of Pathology’s 107th Annual Meeting, March 17th – 23th, 2018 in Vancouver, BC. *Modern Pathology* 2018;31: 5xxA.

Sean D McGarry, Sarah L Hurrell, **Iczkowski, K.A.**, et al. Predictive Cytological Topography (PiCT): a Radio-Pathomics Approach to Mapping Prostate Cancer. Presented at the International Society for Magnetic Resonance in Medicine--European Society for Magnetic Resonance in Medicine and Biology, 27th Annual Meeting, June 15-18, 2018 in Paris.

Sean D McGarry , Matthew D Budde , Sarah L Hurrell , Kenneth A Iczkowski , Michael Griffin , Petar D Duvnjak , Kenneth Jacobsohn , William Hall , Mark Hohenwalter , and Peter LaViolette. The Medical College of Wisconsin 39 (MCW39): A Magnetic Resonance Image Template of the Prostate to Facilitate Group Analysis Presented at the International Society for Magnetic Resonance in Medicine--European Society for Magnetic Resonance in Medicine and Biology, 27th Annual Meeting, June 15-18, 2018 in Paris.

Singh, C.K., Malas, K.M., Tydrick, C., **Iczkowski, K.A.**, Ahmad, N. Role of zinc transporters in prostate cancer and a potential association with racial disparity [abstract]. In: Proceedings of the 108th Annual Meeting of the American Association for Cancer Research (AACR); 2017 Apr 1-5; Washington, DC; Abstract nr: LB-228.

Kaczmarowski, A., **Iczkowski, K.A.**, Hurrell, S.L., McGarry, S.D., Jacobsohn, K., Hall, W.A., Hohenwalter, M., See, W., and Laviolette, P.S. Predictive Cytological Topography (PiCT): a Radiopathomics Approach to Mapping Prostate Cancer Cellularity. The ISMRM 25th Annual Meeting & Exhibition in Honolulu, Hawaii, 22-27 April 2017.

**Iczkowski, K.A.**, Kaczmarowski, A.L., Jacobsohn, K., Hurrell, S.L., McGarry, S., Hohenwalter, M., Banerjee, A., LaViolette, P.S. Predictive Cytologic Topography Improves Detection of High-Grade Prostate Cancer on MRI”, abstract confirmation #6855, to the United States & Canadian Academy of Pathology’s 106th Annual Meeting, March 4th – 10th, 2017 in San Antonio, TX. *Modern Pathology* 2017;30: 530A.

Kravtsov, O., Solanki, M., Lambert, J.R., Torkko, K.C., Lucia, M.S., and **Iczkowski, K.A.** “Racial Disparity in Expression of GDF-15 and NF-kB in Prostate Cancer and Benign Prostate”, abstract confirmation #1251, to the United States & Canadian Academy of Pathology’s 106th Annual Meeting, March 4th – 10th, 2017 in San Antonio, TX. *Modern Pathology* 2017;30: 236A.

Ronen, S., Lapadat, R., Giorgadze, T., Peterson, J.F, **Iczkowski, K.A.** and Hunt, B. Comparing UroVysion and Urine Cytology as a Quality Assurance Metric and to Evaluate the Relevance of the Paris System for Reporting Urinary Cytology in Our Institution”, abstract confirmation #10465, to the United States & Canadian Academy of Pathology’s 106th Annual Meeting, March 4th – 10th, 2017 in San Antonio, TX. *Modern Pathology* 2017;30: 517A.

Abbott, D.W., Ronen, S., Abdelkader, A., Banerjee, A., Xu, Y., Kravtsov, O., and **Iczkowski, K.A.** PTEN and p27 Loss Differ Among Morphologic Patterns of Prostate Cancer”, abstract confirmation #1096, to the United States & Canadian Academy of Pathology’s 106th Annual Meeting, March 4th – 10th, 2017 in San Antonio, TX. *Modern Pathology* 2017;30: 210A.

Ronen, S., Hartley, C., **Iczkowski, K**. Programmed Death-Ligand 1 Expression Correlates with No Downstaging After Platinum Therapy in Muscle-Invasive Bladder Cancer”, abstract confirmation #1032, to the United States & Canadian Academy of Pathology’s 106th Annual Meeting, March 4th – 10th, 2017 in San Antonio, TX. *Modern Pathology* 2017;30: 252A.

Singh, C.K., Shabbir, M., Nihal, M., **Iczkowski, K.A.**, Ahmad, N. Polo-like kinase 4: A potential new target for the management of prostate cancer [abstract]. In: Proceedings of the 107th Annual Meeting of the American Association for Cancer Research (AACR); 2016 Apr 16-20; New Orleans, LA; Abstract nr: LB-228.

**Iczkowski, K.A.**, Lambert, J.R., Torkko, K.C., Eastwood, D. C., Wilson, R.S., Shah, G.V., Lucia, M.S. Racial disparity in prostatic expression of pro-inflammatory and paracrine factors. *Modern Pathology* 2016;29: 240A.

Whittington, E., Harding-Jackson, N., Pavan, N., Rai, S., **Iczkowski, K.A.**, Kryvenko, O.N., Jorda, M. Invasion of rete testis, hilar fat, and epididymis by testicular malignant germ cell tumors does not justify upstaging to pT2 [Platform presentation]. *Modern Pathology* 2016;29: 270A.

Kilari, D., **Iczkowski, K.A.**, Pandya, C., Robin, A., Messing, E.M., Guancial, E., Kim, E.S. Copper transporter CTR1 expression predicts platinum response in muscle-invasive bladder cancer. *Modern Pathology* 2016;29: 242A

Harding-Jackson, N., Whittington, E., Eastwood, D.C., Tjionas, G.A., Kryvenko, O.N., Upadyhyay, S., Jorda, M., **Iczkowski, K.A.** Prostate cancer grade group 4: Gleason 3+5=8 and 5+3=8 outcomes versus 4+4=8. *Modern Pathology* 2016;29: 237A.

LaViolette, P. S., Kaczmarowski, A., **Iczkowski, K.A.**, Jacobsohn, K., Knechtges, P.M., Hohenwalter, M., See, W. MRI-derived histologically trained maps of epithelium density predict prostate cancer presence. *Modern Pathology* 2016;29: 396A.

Stoll, K., Popp, L., LaViolette, P.S., **Iczkowski, K.**, Mackinnon, A.C. The introduction of whole mount prostate specimens into a routine histology laboratory aided by 3D printing. National Society of Histotechnology 2015 Symposium.  *J. Histotechnology*.

Kilari,D., **Iczkowski, K.A.**, Pandya, C., Robin, A.J., Messing, E.M., Guancial E., Kim, E.S.Association between copper transporter CTR1 expression and pathologic response in cisplatin (Pt)-treated muscle invasive bladder cancer (MIBC) patients. European Cancer Congress, Poster session, Vienna, Austria 26 Sept. 2015. Also published for U.S. meeting, May 29, 2015.

Li, H., Hes, O., MacLennan, G., **Iczkowski, K.A.** Immunohistochemical distinction of primary adrenal nodules, including oncocytic tumor, from metastases of renal cell carcinoma to the adrenal. *Modern Pathology* 2015;28: 239A.

**Iczkowski, K.A.,** Harding-Jackson, N. Intraductal carcinoma of the prostate: Interobserver variability Survey of 39 urologic pathologists. *Modern Pathology* 2015;28: 227A.

**Iczkowski, K.A.,** Li, H., Eastwood, D., Hes, O. Immunohistochemical distinction between metastatic renal cell carcinoma to the adrenal and primary adrenal lesions. Presented at CAP ’14, #23, Sep. 8, 2014, Chicago.

**Iczkowski, K.A.,** Kilari, D., Pandya, C. Association between copper transporter receptor 1 (CTR1) expression and pathologic outcomes in cisplatin-treated bladder cancer patients. Presented at CAP ’14, #21, Sep. 8, 2014, Chicago.

**Iczkowski, K.A.,** Guo, Z., Lu, Z. MMP-26 may detect prostate cancer risk regardless of needle biopsy pathology. Presented at CAP ’14, #15, Sep. 8, 2014, Chicago.

**Iczkowski, K.A.** Not all Gleason grade 4 prostate cancer is alike: Differential CD44 variant expression between cribriform pattern and fused small acini. Presented at CAP ’14, #45, Sep. 8, 2014, Chicago.

**Iczkowski, K.A.**, Torkko, K.C., Wilson, R.S., Lucia, M.S., Bostwick, D.G. Weak association of prostatic atrophy with high-grade PIN and low-grade cancer: topographic digital study of 48 whole-mounted prostatectomy specimens. *Modern Pathology* 2013;26: 219A.

**Iczkowski, K.A.**, Torkko, K.C., Kotnis, G.R., Wilson, R.S., Huang, W., Wheeler, T.M., Abeyta, A.M., La Rosa, F.G., Cook, S., Werahera, P.N., Lucia, M.S. Digital quantification of the cribriform and 7 other patterns of prostate cancer and their association with PSA failure. *Modern Pathology* 2011;24: 200A.

Zhang, C., MacLennan, G.T., Montironi, R., Lopez-Beltran, A., Li, Y., Pan, P.-H., **Iczkowski, K.A.**, Cheng, L. Atypical adenomatous hyperplasia (AAH) that is associated with prostatic adenocarcinoma has higher expression of α-methytlacyl coenzyme A racemase (AMACR) than AAH not associated with cancer. *Modern Pathology* 2011;24: 232A.

Vera, P., **Iczkowski, K.**, Meyer-Siegler, K. Cyclophosphamide upregulates and induces urothelial cell surface expression of thrombomodulin and endothelial protein C receptor: a possible role for activated protein C in cystitis. Poster presentation. *The Journal of Urology* 2010;183: Supplement, e238-9.

Khamis, Z.I., **Iczkowski**, **K.A.,** Sang, Q.X. Protein biomarkers of human prostate cancer stromal cells. American Association for Cancer Research 101st Annual Meeting, April 17-21, 2010, Washington DC. Permanent abstract number: 551; Tumor Biology 9. Poster presentation date: April 18, 2010. *Cancer Research*, 2010.

Sangoi, A.R., Beck, A.H., Amin,M.B., Cheng, L., Epstein, J.I., Hansel, D.E., **Iczkowski, K.A.**, Ro, J.Y. , Lopez-Beltran, A., Oliva,E., Paner, G.P., Reuter, V.E., Shah, R.B., Shen, S.S., Tamboli, P. McKenney, J.K. Interobserver reproducibility (IR) in the diagnosis of invasive micropapillary carcinoma (MPC) of the genitourinary tract among expert urologic pathologists. *Modern Pathology* 2010;23: 216A.

**Iczkowski, K.A.**, Torkko, K.C., Huang, W., La Rosa, F.G., Cook, S. The cribriform pattern in prostate cancer predicts PSA failure. *Modern Pathology* 2010;23: 197A.

Vera, P., **Iczkowski, K.A.**, Howard, D.J., Jiang, L., and Meyer-Siegler, K.L. Antagonism of macrophage migration inhibitory factor prevents cyclophosphamide cystitis in mice. Podium presentation. *The Journal of Urology* 2009;181: Supplement, e236-7.

Sakamoto, N., Namiki, K., Goodison, S., Urbanek, C., Reyes, L., Porvanik, S., Cao, W., Sakai, Y., **Iczkowski, K.A.**, Boehlein, S.K., Rosser, C.J. Chronic mycoplasmal exposure leads to malignant transformation of benign human cells. *The Journal of Urology* 2009;181: Supplement, e399.

Shah, G., Srivastava, A., **Iczkowski, K.A.** Neuroendocrine marker: a novel, reliable early stage marker for prostate cancer. AACR Meeting Abstracts, 2009:Apr 2009, 4826.

Butler, S.L., Kim, S., MacLennan, G.T., Shanks, J.H., Hossain, D., Schall, A., McKenney, J.K., Meiers, I., Schlesinger, C., **Iczkowski, K.A.** New immunostains for extragonadal and metastatic germ cell tumors. *Modern Pathology* 2007;20:139A.

Meyer-Siegler, K.L., Vera, P.L., **Iczkowski, K.A.**, Bifulco, C., Lee, A., Gregersen, P.K., Leng, L., Bucala, R. Macrophage migration inhibitory factor (MIF) gene polymorphisms are associated with susceptibility and severity of prostate cancer. Society for Neuroscience Annual Meeting, 2007, Abstract No. 1622.

**Iczkowski, K.A**., Coco, D., Iturraspe, J.A., Pantazis, C.G. Telomerase overexpression by flow cytometry in myelodysplastic syndrome. *Modern Pathology* 2007;20:245A.

Nakamura, K., Goodison, S., **Iczkowski, K.**, Anai, S., Boehlein, S. Rosser, C. Exogenous mycoplasmal p37 protein alters gene expression, growth, and morphology of prostate cancer cells. AACR Meeting Abstracts, Apr 2007; 2007: 3698.

Vera, P.L., **Iczkowski, K.A.**, Moldwin, R.M., Kushner, L., Meyer-Siegler, K.L. Macrophage migration inhibitory factor and its receptor CD74 are upregulated in the urothelium of interstitial cystitis patients. Abstract 287, American Urological Association meeting, May 20-25, 2006, Atlanta.

Anai, S., Nakamura, K., Goodison, S., Shiverick, K., **Iczkowski, K.**, Tanaka, M., Rosser, C.J. A combination of PTEN gene therapy and radiation inhibits the growth of human prostate cancer xenografts. AACR Meeting Abstracts 2006; Apr 2006: 1246.

Anai, S., Goodison, S., **Iczkowski, K.A.**, Shiverick, K., Brown, B., Rosser, C.J. Synergistic radiosensitization by antisense Bcl-2 oligodeoxynucleotide (ODN) in the PC-3 prostate tumor model overexpressing Bcl-2. *Proceedings, Amer. Assn. for Cancer Research* 2005;45.

Vera, P.L., **Iczkowski, K.A.**, Meyer-Siegler, K.L. Increased urinary levels of macrophage migration inhibitory factor in patients with urinary tract infections: identification of novel MIF-protein complexes in human urine. *The Journal of Urology* 2005;173 (Supplement 4): 21.

Meyer-Siegler, K.L., **Iczkowski, K.A.**, Leng, L., Bucala, R., Vera, P.L. Further evidence for an association between macrophage migration inhibitory factor and prostate cancer. *The Journal of Urology* 2005;173 (Supplement 4): 382.

Kim, W. Boehlein, S., **Iczkowski, K.**, Rosser, C.J., Anai, S**.** Environmental stressors to prostatic cancer cells in vitro cause an up-regulation of COX-2 expression**.** *AACR Meeting Abstracts*, 2005;Apr 2005: 406-407.

De Marzo, A.M., Platz, E.A., Epstein, J.I., Billis, A., Chan, T.Y., Cheng, L., Datta, M., Ertoy-Baydar, D., Farre, X., Fine, S., **Iczkowski, K.A.**, et al. Interobserver reproducibility of a proposed classification of focal prostate atrophy lesions. *Modern Pathology* 2005;18: 135A.

**Iczkowski, K.A.**, Qiu, J., Qian, J., Somerville, M.C., Rittmaster, R.S., Andriole, G.L., Bostwick, D.G. The dual 5α-reductase inhibitor dutasteride incudes atrophic changes and decreases relative cancer volume in the human prostate. *Modern Pathology* 2005;18: 146A.

**Iczkowski, K.A.**, MacLennan, G.T., Bostwick, D.G., Ferguson, K.L., Montironi, R. Adenoid cystic/ basal cell carcinoma of the prostate expresses Her-2/neu. *Modern Pathology* 2005;18: 147A,.

**Iczkowski, K.A.**, Omara-Opyene A.L. Altered expression of CD44 variants 7-10 facilitates prostate cancer invasion. *Proceedings, Amer. Assn. for Cancer Research* 2004;44: 1161.

Huang, W., **Iczkowski, K.A**., Mazzucchelli, R., Montironi, R. Androgen ablation therapy for prostate cancer suppresses telomerase hTERT immunoreactivity. *Modern Pathology* 2004;17: 158A.

**Iczkowski, K.A**., Jiang, Z., Tretiakova, M., Yang, X.J. Prostatic needle biopsies with suspicious (ASAP) diagnosis: 80% resolved using P540S/AMACR and keratin 34βE12 immunostaining. *Modern Pathology* 2003;16: 154A.

**Iczkowski, K.A.**, Grier, D.D., Bostwick, D.G., Hossain, D., Banerjee, S.S. Adenoid cystic/ basal cell carcinoma of the prostate: clinical significance in 18 cases. *Modern Pathology* 2003;16: 152A.

**Iczkowski, K.A**., Katz, G., Cascione, C.J., Grier, D.D. Postoperative bladder washing cytology after transurethral resection predicts recurrence of urothelial carcinoma. *Modern Pathology* 2003;16: 154A.

Katz, G., **Iczkowski, K.A**., Cascione, C., Rodriguez, R.E. Bladder washing cytology immediately after transurethral resection predicts recurrence of urothelial carcinoma. *The Journal of Urology* 2003;169 (Supplement 4): 258.

**Iczkowski, K.A.**, Chen, M., Yang, X. Atypical small acinar proliferation suspicious for carcinoma in prostatic needle biopsy does not predict unique pathologic findings if cancer is subsequently diagnosed. *Modern Pathology* 2002;15: 165A.

**Iczkowski, K.A**., Jones, G.L., Casella, G., Qian, J., Bostwick, D.G. Variation in tissue sampled by sextant biopsy influences prostate cancer detection rate. *Modern Pathology* 2002;15: 165A.

Pantazis, C.G., **Iczkowski, K.A.**, McGregor D., Tawfik, O.W. Telomerase subunit hTERT immunoreactivity in prostate cancer. *Modern Pathology* 2002;15: 176A.

**Iczkowski, K.A.** Characteristics of men initially diagnosed by needle biopsy with atypical small acinar proliferation (ASAP) suspicious for carcinoma. *American Journal of Clinical Pathology* web site [www.ajcp.com](http://www.ajcp.com/), 2001.

**Iczkowski, K.A.**, Mishler, B.A., Qian, J., and Bostwick, D.G. Volume of prostate tissue sampled by sextant needle biopsy may influence detection rate for cancer. *Modern Pathology* 2001;14: 111A.

**Iczkowski, K.A.**, Gadaleanu, V., Shanks, J.H., Jones, E.C., Neumann, R., and Bostwick, D.G. Spindle cell neoplasms of urinary bladder: 36 cases with comparison of inflammatory pseudotumor (myofibroblastic tumor) and leiomyosarcoma. *American Journal of Clinical Pathology* 2000;114(4): 641-642.

**Iczkowski, K.A.**, and Bostwick, D.G. Sampling, submission, and report format for multiple prostate biopsies: A 1999 survey. *Modern Pathology* 2000;13: 102A.

Fan, F., Tawfik, O., **Iczkowski, K.**, Nothnick, W., and Thomas, P. Altered CD44 expression in endometriosis. *American Journal of Clinical Pathology* 1999;112(4): 544.

Rao, S., **Iczkowski, K.A.**, and Cheville, J.C. Cytokeratin expression in seminoma and embryonal carcinoma of the testis. *Modern Pathology* 1998;11:93A.

**Iczkowski, K.A.**, Pantazis, C., Shah, G.V., and Long, J. Salmon calcitonin-like peptide: A novel neuroendocrine tumor marker overexpressed by prostatic adenocarcinoma. *American Journal of Clinical Pathology* 1997;108(3): 339.

Pantazis, C.G., Liao, D. J., **Iczkowski, K.A.**, Li, S.A., and Li, J.J. Induction of prostatic carcinoma in the Noble rat: Analysis of early morphologic and cellular events. *Proceedings of the American Association for Cancer Research* 1997;38: 58.

**Iczkowski, K.A.**, Pantazis, C.G. and Collins, J. Loss of expression of isoforms of the cell adhesion molecule CD44 in prostatic adenocarcinoma and its metastases. *American Journal of Clinical Pathology* 1996;106 (3): 418.

**Book Chapters**

**Iczkowski, K.A.** Chapter 6, Prostate (Male Urinary System). In: Moran CA, Kalhor N, Weissferdt A. Oncologic Surgical Pathology. New York: Springer,In press, 2018.

**Iczkowski, K.A.** Updates of electronic content, Prostate (grading, ASAP, vanishing cancer, prostatitis, testis, general) in Pathologyoutlines.com, 2015-18.

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**Iczkowski, K.A**. Intraductal carcinoma of the prostate: emerging support for a unique diagnostic entity. *Pathology Case Reviews* 2014;19:178-183.

**Iczkowski, K.A**. Prostate Pointers and Pitfalls: The 10 most prevalent problems in prostate biopsy interpretation. *Annals of Diagnostic Pathology* 2014;18:301-311.

**Iczkowski, K.A**., and Bostwick, D.G. Atypical small acinar proliferation of the prostate: 16 years’ experience. *Pathology Case Reviews* 2014;19:147-153.

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**Iczkowski, K.A.**, Lucia M.S. Frequency of positive surgical margin at prostatectomy and its effect on patient outcome. *Prostate Cancer* 2011;2011:673021. Epub 2011 Jun 9.

**Iczkowski, K.A.**, Lucia M.S. Current perspectives on Gleason grading of prostate cancer. *Current Urology Reports* 2011;12:216-22.

**Iczkowski, K.A.** Cell adhesion molecule CD44: its functional roles in prostate cancer. *American Journal of Translational Research* 2011;3:1-7.

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**Iczkowski, K.A.** Effect of radiotherapy on non-neoplastic and malignant prostate. *Open Pathol J* 2009;3:64-73.

Shanks, J.H., **Iczkowski, K.A.** Divergent differentiation in urothelial carcinoma and other bladder cancer subtypes with selected mimics. *Histopathology* 2009;54:885-900.

**Iczkowski, K.A.** Current prostate biopsy interpretation: criteria for cancer, atypical small acinar proliferation, high grade PIN, and use of immunostains. *Archives of Pathology and Laboratory Medicine* 2006;130:835-43.

**Iczkowski, K.A.**, Butler, S.L. New immunohistochemical markers in testicular tumors. *Analytical and Quantitative Cytology and Histology* 2006;28:181-7.

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**Iczkowski, K.A.**, Bostwick, D.G. El effecto de la radioterapia en la histopatologia de la prostata y la determinacion del cancer residual [Histopathology of Radiation Change in the Prostate and Evaluation of Residual Cancer]. *Revisiones en Urología* [Spanish] 2002;3.

**Iczkowski, K.A.** Current issues in prostate needle biopsy interpretation. *LabMedica International* 2001;18 (1):8-11.

**Iczkowski, K.A.**, Bostwick, D.G. Prostate biopsy 1999: Strategies and significance of pathological findings. *Seminars in Urologic Oncology* 1999;17:177-186.

**Iczkowski, K.A.**, Bostwick, D.G. Prostate Biopsy Interpretation: Current Concepts, 1999. *Urologic Clinics of North America* 1999;26:435-452.

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Bostwick, D.G. **Iczkowski, K.A.** Minimal criteria for the diagnosis of prostate cancer on needle biopsy (Review). *Annals of Diagnostic Pathology* 1997;1:104-129.

**(21) Editorials, Book Reviews, Letters, and Media**

Case of the Month, January 2018. International Society for Urologic Pathology. Thyroid-like follicular carcinoma with atypical stroma of the kidney

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**Iczkowski, K.A.** Re: Rodolfo Montironi, Silvia Gasparrini, Roberta Mazzucchelli, et al's Letter to the Editor re: Karim A. Touijer, James A. Eastham. The Sentinel Lymph Node Concept and Novel Approaches in Detecting Lymph Node Metastasis in Prostate Cancer. Eur Urol 2016;70:738-9: Sentinel Lymph Nodes in Adipose Tissue Surrounding the Prostate Gland and Seminal Vesicles as Observed in Virtual Whole-mount Histologic Slides. *European Urology* 2017 Aug;72(2):e36.

**Iczkowski, K.A.** Editorial Comment. Re: Perlis, N., et al. *Journal of Urology* 2017; 197: 75–83. *Journal of Urology* 2017 Jan;197(1):82. Epub 2016 Oct 4.

**Iczkowski, K.A.** Prostate Cancer: Amended Gleason Score Underestimates Adverse Effect of Cribriform Pathology. MedicalResearch.com Interview, posted on June 4, 2016. http://medicalresearch.com/author-interviews/prostate-cancer-amended-gleason-score-underestimates-adverse-effect-of-cribriform/24917/

**Iczkowski, K.A.** Letter about “Self-Referencing Doctors and Appropriate Cancer Care.”*Wall Street Journal*, Nov. 5, 2014 p. A18.

**Iczkowski, K.A.** Beyond the Abstract – The 10 most prevalent problems in prostate biopsy diagnosis. [Commentary.] http://urotoday.com/index.php?Itemid=782&option=com\_content&view=article&catid=1134&id=76442, Nov. 7, 2014.

**Iczkowski, K.A**., and La Rosa, F.G. Gleason 6 cancer is still cancer. Response to "Gleason 6: A serious prostate malignancy--or a toothless lion?" article by Drs. Lepor and Donin. *Oncology* (Williston Park). 2014;28:22, 24, 29.

**Iczkowski, K.A.** Beyond the Abstract - Pseudolumen size and perimeter in prostate cancer- Correlation with patient outcome. www.urotoday.com/prostate-cancer-1014.html, Wed., 28 March 2012.

**Iczkowski, K.A.,** Montironi, R., Cao, D., Magi-Galluzzi, C., Lucia, M.S. Pathology update for urologists. *Prostate Cancer* 2011;2011:183761. Epub 2011 Sep 25.

**Iczkowski, K.A.** Chronic pelvic pain syndrome: a role for aberrant cytokine function. *Journal of Urology* 2010;184:1253-1254.

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**Iczkowski, K.A.,** Cheng L. Beyond the Abstract - Inflammatory Myofibroblastic Tumors of the Genitourinary Tract—Single Entity of Continuum? [http://www.urotoday.com](http://www.urotoday.com/), Bladder Cancer Section, Monday, 10 November 2008.

**Iczkowski, K.A.** Prostate Needle Core Sampling: Why Core Length Matters. www.urohealth.org Web Site of HMG Worldwide, Guest Editorials on Prostate Cancer, August 23, 2002.

**Iczkowski, K.A.**, Cheng, L., Qian, J., Shanks, J., Gadaleanu, V., and Bostwick, D.G. ASAP is a valid diagnosis [letter]. *Human Pathology* 1999;30:1403-1404.

**Iczkowski, K.A.**, Bostwick, D.G., and MacLennan, G.T. Atypical small acinar proliferations (in prostate biopsies). Authors’ Response to letter. *American Journal of Surgical Pathology* 1999;23:489-491.

**Iczkowski, K.A.** Re: Editorial comment on clinicopathological characteristics of prostatic adenocarcinoma in men with atypical prostate needle biopsies [letter]. *Journal of Urol*ogy 1999;161:231.

**Iczkowski, K.A.**, Bostwick, D.G. The pathologist as optimist: Cancer grade deflation in prostatic needle biopsies [Editorial]. *American Journal of Surgical Pathology* 1998;22:1169-70.

**Iczkowski, K.A.**, Bostwick, D.G. Detection of early prostate cancer: serendipitous or systematic? [letter]. *Journal of the American Medical Association* 1998;279:1439.

**Iczkowski, K.A.** Review of *Testicular and Penile Cancer*. Ernstoff, M.S., and Heaney J.A.. Malden, MA: Blackwell Science, 1998. ISBN 0-63204-319-9. In *Journal of Urologic Pathology* 8: April 1998.

**Iczkowski, K.A.** Addicts in short pants (letter against teen smoking). *Newsweek* 1994;(Nov. 28) 124 (22):18.

**Published Illustrations**

Figure 8.4 in Chapter 8, Hayat MA. Microscopy, Immunohistochemistry and Antigen Retrieval Methods. Norwell, MA: Kluwer Academic Publishers, 2002.

Figure in Hayat, MA. Immunohistochemistry of Carcinomas. New York: Springer Verlag, 2002.

*Scientific Meetings Attended*

15th Annual “Current Issues in Surgical Pathology.” Dallas, May 9-11, 1996.

Courses in gastrointestinal, liver, and genitourinary pathology, ASCP/CAP Fall Meeting, San Diego, Oct. 27-Nov. 2, 1996, and Fall Meeting, Philadelphia, Sept. 20-25, 1997.

86th through 102nd Annual Meetings of U.S. and Canadian Society of Pathologists, 1997-2013.

American Assn. Cancer Research: Prostate Cancer conference, Naples, FL, Dec. 5-9, 2001.

95th Annual Meeting, Orlando, FL, March 27-31, 2004.

**Other Research Experience**

**1998** Corica, F.A., **Iczkowski, K.A.**, Bostwick, D.G. Detection of micrometastases of prostatic adenocarcinoma by immunohistochemical staining versus reverse transcriptase-PCR for prostate specific antigen.

**1993‑5**  **Iczkowski, K.A.**, Joyce, R.M., Levy, N.B., Kritz, A. Enteropathy‑associated T cell lymphoma: potential early diagnosis by PCR from endoscopic biopsies.

**1992‑5** **Iczkowski, K.A.**, Sorenson, G.D. Qualitative and quantitative assessment of plasma DNA in cancer patients. At Dartmouth‑Hitchcock Medical Center, Dept. of Pathology.

**1990‑2** **Iczkowski, K.A**, deMello, D.E., Taylor, W., Heyman, S., Perez, A. Myofibroblastic tumors of the abdomen: role of tumor necrosis factor  in producing constitutional manifestations. At St. Louis University Medical Center, Dept. of Pathology.

**1990‑1** **Iczkowski, K.A.**, Salinas‑Madrigal, L. Association of congenital hepatic fibrosis with autosomal dominant polycystic kidney disease. At St. Louis University Medical Center, Dept. of Pathology.

**1989‑91** Dressler, F.A., **Iczkowski, K.A.**, Gnepp, D.R. Ultrasonic valvuloplasty for aortic stenosis: clinical and pathologic findings in six patients. At St. Louis University Medical Center, Dept. of Pathology.

**Professional Societies**

Life Fellow, College of American Pathologists (CAP), 1995—

Resident Representative from N.H., 1992‑5.

Fellow, American Society for Clinical Pathology (ASCP), 1995—

Fellow, International Society of Urological Pathology, 1997—

Head of Committee to award this society’s **Excellence in Urologic Pathology Research Award** to 3 residents or fellows who present outstanding poster or platform presentations at the USCAP Annual Meeting, 2002-2012

Member, U.S. and Canadian Society of Pathology (USCAP), 1997—

Abstract reviewer, Genitourinary 2007-2012

Ambassador 2014-

Member, American Urologic Association, 2012—

Member, Society for Basic Urologic Research, 2004—

Member, Arthur Purdy Stout Society of Surgical Pathologists, 2005—

America’s Registry of Outstanding Professionals, 2006—

Member, Florida Society of Pathologists 2000-07

Member, Florida Medical Association 2000-07

Member, Alachua County Medical Society 2000-07

Member, University of Florida Shands Cancer Center, 2001-07

Member, Milwaukee Area Pathologists, 2013—

**Professional Activities**

**Editorial Board Service**

**2005- 2011** **—** Editorial Board, *Archives of Pathology and Laboratory Medicine*

**2008- present—**Associate Editor-in-Chief, *American Journal of Translational Research*

**2008- 2011 —***Asian Journal of Andrology*

**2008- present—**Editorial Board, *International Journal of Clinical and Experimental Pathology*

**2011- present—**Editorial Board, *BioMed Central Urology*

**2013- present—**Senior Editorial Board, *American Journal of Clinical and Experimental Urology*

**2015- present****—**Editorial Board, *Annals of Diagnostic Pathology*

**2016- present—**Editorial Board, *Clinics in Oncology*

**2016- present—**Editorial Board, *International Journal of Biochemistry and Cell Biology*

**2018- present—**Editorial Board, *Pathology*

**1997–present—**Occasional reviewer for *American Journal of Surgical Pathology, Analytical and Quantitative Cytology and Histology, Archives of Pathology and Laboratory Medicine, Asian Journal of Andrology, Biomed Central Cancer, British Journal of Urology International, Cancer, Cancer Biomarkers, Case Reports in Urology, Current Drug Targets, Expert Review of Anticancer Therapy* (a Medline publication at <http://www.future-drugs.com/loi/era>), *Histology and Histopathology, Human Pathology, International Brazilian Journal of Urology, International Journal of Clinical and Experimental Pathology, International Journal of Cancer, Laboratory Investigation, Medical Practice and Reviews, Modern Pathology (’18), Nature Reviews – Urology, Neoplasia, OncoTargets and Therapy, Journal of Gene Medicine, Journal of Pharmacology and Experimental Therapeutics, Journal of Postgraduate Medicine, Journal of Urology, Nature Clinical Practice Urology, Pathology Research and Practice, Technology in Cancer Research and Treatmen*t, *Saudi Medical Journal*.

**Study Sections**

**2003–2009—**Reviewer on AMA Foundation Seed Grant Research Program Advisory Panel. Category: Neoplastic Diseases. (Meetings held annually. Applicants are medical students and residents.)

**2003—**Reviewed New Researcher Seed Grant Program proposal, “Naturally occurring human monoclonal antibodies recognizing prostate cell-surface antigens” for the VA New-York-New Jersey Healthcare System (VISN 3).

**2006–2008—American Cancer Society** CCE (Cancer Control and Epidemiology) Study Section Reviewer, Research Scholar Grants, twice yearly, ON SITE, Atlanta, GA.

**2009–2011—American Cancer Society** TBE (Tumor Biochemistry and Endocrinology) Study Section Reviewer, Research Scholar Grants, twice yearly, ON SITE, Atlanta, GA.

**2008**—**National Institutes of Health**, NIEHS contracts review of RFP SBIR 103 Phase II, Study Section Reviewer —“Development of an ELISA for Measuring Serum Levels of NAG-1/MIC/GDF-15,” —August, 2008.

**2009—**Health Research Board of Ireland, Strategy and Funding Directorate, grant proposal reviewer of “Determining a miRNA methylation signature and its significance in prostate cancer”

**2010**—United States – Israel Binational Science Foundation (BSF), grant proposal reviewer of “Glycomic and immunologic biomarkers of biochemical recurrence in prostatic fluids” by Lichtenstein and Drake

**2010**—**Department of Defense** Prostate Cancer Research Program (PCRP) Pathobiology PBY-1: Grant reviewer, August, ON SITE, Reston, VA

**2011**—**Department of Defense** Prostate Cancer Research Program (PCRP) Pathobiology PBY-1 Pre-application reviewer, June

**2012**—**National Institutes of Health**, NCI, “Provocative Questions,” PQ #5 for R01 and R21, February.

**2012**—**Department of Defense** Prostate Cancer Research Program (PCRP) Pathobiology PBY-1 Exploration-Hypothesis Development Grant: Pre-application online reviewer, August.

**2012**— **Department of Defense** Prostate Cancer Research Program (PCRP) Pathobiology Training Grant TRN-PBY: Grant reviewer, August.

**2013**—**Department of Defense** Prostate Cancer Research Program (PCRP) Pathobiology PBY-1 Pre-application reviewer, June

**2013**—**Department of Defense** Prostate Cancer Research Program (PCRP) Pathobiology PBY-1: Grant reviewer, ON SITE, Dec. 8- Dec. 10, Baltimore, MD

**2014**—**Department of Defense** Prostate Cancer Research Program (PCRP) Pathobiology Exploration–Hypothesis Development, Clinical and Experimental Therapeutics-1 (EHD-CET-1) Pre-application reviewer, August

**2016**—**Department of Defense** Prostate Cancer Research Program (PCRP) Cell Biology CB-1: Grant reviewer, ON SITE, Nov. 29- Dec. 1, Reston, VA

**2017**—**Department of Defense** Prostate Cancer Research Program (PCRP) Health Disparity Research - 2, HDR-2: Grant reviewer, ON SITE, Nov. 13- Nov. 14, Baltimore, MD

**2018**—**Prostate Cancer UK** Research Innovation Awards Stage 2. Feb. 2018.

**Professional Society Involvement**

**2005—Participant,** Gleasongrading consensus meeting of International Society of Urologic Pathologists (published, *American Journal of Surgical Pathology*) to develop guidelines in prostate cancer grading, San Antonio, TX February 27, 2005.

**2007- 2012—Abstract Review Committee,** U.S. and Canadian Academy of Pathology Annual Meeting

**2009—Participant,** Radical prostatectomy consensus meeting of International Society of Urologic Pathologists to develop guidelines in prostatectomy submission and reporting, Boston, MA March 8, 2009.

**2012—Participant,** Renal tumor consensus meeting of International Society of Urologic Pathologists to develop guidelines Vancouver, Canada, March 17, 2012.

**2015—Participant,** Testicular and Penile consensus meeting of ISUP, Boston, MA

**2015—Member,** Prostate panel,International Society for Urological Pathology. This panel is limited to 24 members and designed for independent review of photomicrographs for standardization of diagnoses in prostatic pathology, ISUP Reference Imagebase.

**2016— Ambassador,** U.S. and Canadian Academy of Pathology

**2006- 2010 and 2016 —Abstract Review Committee,** College of American Pathologists Annual Meeting

**2017-2020** **House of Delegates** (first Alternate), Wisconsin representative for College of American Pathologists

**Community and Other Activity**

**2003–2004 (June–July)—**University of Florida Center for Precollegiate Education, Student Science Training Program: Our laboratory hosted one high school student each summer.

**2004–2006 (Feb.)—**Judge for choosing awardees at the 41st Annual Junior Science, Engineering and Humanities Symposium (high school students), University of Florida

**2005—**ContentReviewer, Rubin, Pathology: Clinicopathologic Foundations of Medicine, 4th Edition. Hagerstown, MD: Lippincott Williams & Wilkins, 2006.

**2006** School Board of Alachua County, FL:

Judge, Lincoln Middle School Science and Engineering Fair, Jan. 10.

**2015—****17 Scientific Advisory Board, 3D Biopsy, LLC.** Helped design new MRI-guided sampling method for the prostate.

**Intramural Committees**

**2016—**Grand Rounds Committee for Pathology Department; **Chairman, 2018**- **present**

**2015—Member, Dissertation Committee** for Physiology Department, Medical College of Wisconsin. For candidate M. Angeles Baker, Oct. 30, 2015.

**2015–2018 —** Research Affairs Committee, Member, and Representative for Pathology Department, Medical College of Wisconsin. Involves intramural grant evaluation and poster evaluation at MCW Research Day annually in September.

**2013–present —** Institutional Review Board, IRB #3, Member, and Representative for Pathology Department (Chair: Ryan Spellecy), Medical College of Wisconsin

**2015–present —**Program Evaluation Committee (PEC) for MCW Surgical Pathology Fellowship

**2013–present —**Member, MCW Cancer Center

**2007**—Committee to select Director of Cytopathology, Univ. Colorado Health Science Center.

**2001**—**2006—**Director, Surgical Pathology resident rotation, Gainesville VAMC. Designed competency-based written guidelines for the rotation and implemented monthly short slide examinations for the residents.

**2004**—**2007—**Member, University of Florida Prostate Cancer Working Group (Research Team)

**2002**—**2007**—Representative for Pathology and Laboratory, Subcommittee for Clinical Investigation, Gainesville, FL, VAMC

**2002**—**2006—**Member, University of Florida Pathology Residency Training Committee

**2003**—**2005—**Reviewer of Abstracts, Resident Research Day, UF Pathology Department

Teaching Assistant in Medical School Pathology: Mayo Clinic (1997), Univ. of Kansas (1995-6), Dartmouth Medical School (1992-5)

Lecturer for Medical Records students’ Pathology course, Univ. of Kansas (Fall, 1996).

Feedback Supervisor of Interviews, Medical Communications Skills Course: St. Louis University, 1989‑90.

**Publicity and Awards**

**2017.** Outstanding Medical Student Teacher, 2016-2017, Medical College of Wisconsin (Curriculum and Evaluation Committee)

**2015.** Outstanding Medical Student Teacher, 2014-2015, Medical College of Wisconsin (Curriculum and Evaluation Committee)

**2004** Listed in Guide to America’s Top Physicians, 2004-2005 Edition, Consumers’ Research Council of America

**2004** Received Society for Basic Urologic Research – 2004 Young Investigator Travel Award for my poster presentation, Savannah, GA, December 9-12.

**2002** Regarding my grant for research on CD44 Expression in Prostate Cancer: Interviewed by Central Florida Public Radio, 9/16/02. Also featured in The Post of the University of Florida Health Science Center, 10/31/02, page 4.

Regarding publication on Telomerase Expression in Prostate Cancer: interviewed and featured by Reuters News Service on their physician web site, [www.reutershealth.com](http://www.reutershealth.com/), 12/17/02.

**1993** Awarded American Society for Investigative Pathology stipend to attend Conference in Molecular Pathology, Bethesda, MD, Oct. 28‑31.

**1992** Distinction in Research Award, St. Louis University School of Medicine

**1992** Herbert B. Taylor Award in Pathology, St. Louis University School of Medicine

**1988** Summer Research Fellowship Grant, in Endocrinology to work on “Cytoskeleton in granulosa cell steroidogenesis” (see publication below). Advisor: David Lagunoff, M.D., Director, Summer Research Program

**1982** Rotary Scholarship for College

**1981-82** National Honor Society

**Invited Presentations**

**2017** Panel Discussant, 96th Annual Meeting of the South Central Section of the AUA, Naples, FL. November 28, 2017.

**2016** Update on Grading prostatic cancer.Seminar, 30 min, taught at Midwestern Surgical Pathology Conference, Milwaukee, WI, Oct. 15, 2016.

**2016** Panel Discussant, 95th Annual Meeting of the South Central Section of the AUA, Colorado Springs, CO. October 1, 2016.

**2015** Urothelial carcinoma: its diagnosis, divergent differentiation, mimics, and markers. Seminar, 30 min, taught at Midwestern Surgical Pathology Conference, Milwaukee, WI, Sept. 11, 2015.

**2014** “MMP-26 Detects Prostate Cancer Regardless of Needle Biopsy Findings.” Talk at Clinical and Translational Science Research Seminar, Medical College of Wisconsin, Nov. 6, 2014.

**2014** Prostate Pathology 2014: Concepts and Controversies. 2-hour course taught in conjunction with Dr. David G. Bostwick, at College of American Pathologists, Chicago, IL, Sept. 8, 2014.

**2014** Decision-Making in Prostate Biopsy Interpretation. Seminar, 30 min, taught at Midwestern Surgical Pathology Conference, Milwaukee, WI, Sept. 14, 2014.

**2013** “Contemporary Morphologic and Molecular Issues in Prostate Pathology.” GoPath Diagnostics’ Webinar Lecture, May 18.

**2012** “Cribriform Pattern of Prostate Cancer.” Department of Pathology, University of Cincinnati, June 1.

**2009** “Cell Adhesion Molecule CD44 in Prostate Cancer.” Division of Endocrinology, Metabolism and Diabetes, Hormone-Related Malignancies Seminar Series, Univ. of Colorado Denver, April 29.

**2008** “Growth and Invasion of Prostate Cancer: Role of CD44 Adhesion Molecule Isoforms, with a Possible Influence by MicroRNAs.” Department of Pathology and Laboratory Medicine Seminar Series, Univ. of Wisconsin, Madison, December 3.

**2008** “Participation of CD44 Splice Isoforms in Growth and Invasion Is Unique in Prostate Cancer.” Department of Pathology Grand Rounds Series, University of Colorado Denver, October 24.

**2005** “Diagnostic and Research Issues in Prostate Pathology.” Department of Laboratory Medicine and Pathology, University of Minnesota, Minneapolis, MN, November 11.

**2005** “Cell Adhesion Molecule CD44: Marker and Target for Gene Therapy in Prostate Cancer. Update on High-Grade PIN and ASAP.” Division of Pathology, City of Hope National Medical Center, Duarte, California, April 21.

**2004** “Functional Role of Cell Adhesion Molecules in Prostate Cancer.” Faculty seminar, Department of Pathology, Immunology, and Laboratory Medicine, U. of Florida, March 24.

**2003** “Functional Role of Cell Adhesion Molecules in Prostate Cancer.” Topics in Cancer and Cell Biology, Department of Anatomy and Cell Biology, U. of Florida, November 7.

**2003** Poster, “Post-operative bladder washing cytology predicts recurrence of urothelial carcinoma” at College of Medicine Research Day, April 11, and VA Research Day, April 21.

**2002** “ New Markers and Issues in Prostate Cancer Diagnosis” Faculty seminar, Department of Pathology, Immunology, and Laboratory Medicine, U. of Florida, April 15.

**1999** Visiting lecturer, “Prostatic Pathology,” Christie Hospital, Manchester, United Kingdom, Oct. 1

**1999** Genitourinary Pathology Panelist and Presenter of "Atypical small acinar proliferation suspicious for but nondiagnostic of malignancy" at U.S. and Canadian Academy of Pathology, San Francisco, CA, March 24.

**1999** Presentation of “Pathology of radiation injury of the prostate”, *ASCP Teleconferences*, Spring 1999 series, April 30

**1997** Poster presentation of “Salmon calcitonin-like peptide: A novel neuroendocrine tumor marker expressed by prostatic adenocarcinoma” at Scientific Sessions of the CAP/ASCP Fall Meeting, Philadelphia, PA, Sept. 20-25

**1997** Presentation of “Controversies in prostate cancer diagnosis” to Pathology Dept., Duke University, Durham, N.C., July 18

**1996** Presentation of “Synchronous appendiceal goblet cell carcinoid and ileal conventional carcinoid” to Kansas Society of Pathologists, Topeka, KS, Nov. 9

**1996** Poster presentation of “Loss of expression of isoforms of the cell adhesion molecule CD44 in prostatic adenocarcinoma and its metastases” at Scientific Sessions of the CAP/ASCP Fall Meeting, San Diego, CA, Sept. 28-Oct. 4

**1996** Presentation of “CD44 isoform expression in benign prostate and prostate cancer” research to Pathology Dept., University of Kansas, Kansas City, KS, May 6

**1995** Presentation of “Insular thyroid carcinoma” to Kansas Society of Pathologists, Wichita, KS, Oct. 28

**1990** Poster presentation of “Participation of the cytoskeleton in avian granulosa cell steroidogenesis” research to Alpha Omega Alpha Student Research Forum, St. Louis Univ., St. Louis, MO. Awarded Third Place.

**1989** Presentation of “Barriers to housing for deinstitutionalized psychiatric patients” to the National Medical Student Forum, Galveston, TX.

**REFERENCES**

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