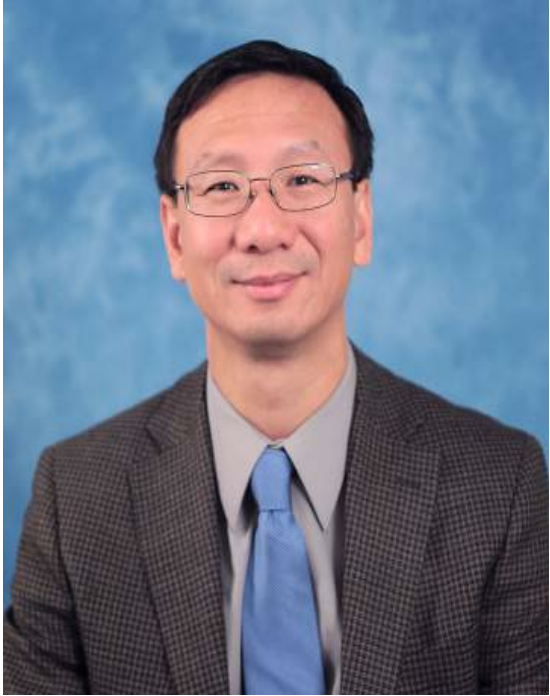


## Guer`PROFESSOR LIANG CHENG'S BIOGRAPHICAL SUMMARY (ONE PAGE)



### Contact Information

#### **Liang Cheng, M.D., M.S.**

**Professor of Pathology and Surgery/Urology (Research Scholar Track)**

**Vice Chair for Translational Research**

**Director of Anatomic Pathology**

**Director of Molecular Pathology**

**Department of Pathology and Laboratory Medicine**

**Warren Alpert Medical School of Brown University | Brown University Health**

**Associate Director for Shared Resources**

**Legorreta Cancer Center at Brown University**

Address: 593 Eddy Street, APC 12-105 | Providence, RI 02903

Tel: 401-606-4654 | X (Twitter): @LiangChengMD

E-mail: liang\_cheng@yahoo.com or liang\_cheng@brown.edu

Faculty Profile: <https://vivo.brown.edu/display/lcheng26>

Publications: <https://tinyurl.com/LiangChengPubMed>

President-Elect, *International Society of Urological Pathology* (ISUP)

Editor-in-Chief, *American Journal of Translational Research*

Editor-in-Chief, *Expert Review of Precision Medicine & Drug Development*

Dr. Liang Cheng is the Professor of Pathology and Surgery/Urology (Research Scholar Track), Vice Chair for Translational Research, Director of Anatomic Pathology, Director of Molecular Pathology in the Department of Pathology and Laboratory Medicine at the Brown University Warren Alpert Medical School | Brown University Health. He is also the Associate Director for Shared Resources, the Legorreta Cancer Center at Brown University, Providence, Rhode Island. Dr. Cheng has published over 1,200 peer-reviewed SCI articles (**citations, 72,508; h-index: 133; i10-index: 964**) in high-impact scientific journals, including *British Medical Journal* (BMJ) (IF 107), *Nature Reviews Disease Primers* (IF 81), *Nature Biotechnology* (IF 68), *Cancer Cell* (IF 50), *Annals of Oncology* (IF 56), *Journal of Clinical Oncology* (IF 50), *JAMA Oncology* (IF 32), *Molecular Cancer* (IF 41), *Cell Metabolism* (IF 31), *Gut* (IF 31), *Science Immunology* (IF 30). Dr. Cheng is the author of over 150 book chapters and 20 textbooks, including *Urologic Surgical Pathology, Tumors of the Kidney, Bladder, and Related Urinary Structures* (AFIP Fascicle, 5th Series), *Molecular Genetic Pathology, Molecular Surgical Pathology, Essentials of Anatomic Pathology, Bladder Pathology* and others. Dr. Cheng is ranked among the top three most cited authors in the category of “Urologic Oncology” and “Urology” in Google Scholar. Currently, he is an active member of over 30 Editorial Boards, and the *Editor-in-Chief* of two major journals: *Expert Review of Precision Medicine and Drug Development* and *American Journal of Translational Research*. Dr. Cheng received the Arthur Purdy Stout Annual Award from the Society of Surgical Pathologists in recognition of his outstanding contributions to the field of surgical pathology. He also received the Koss Medal Award, the highest award bestowed by the International Society of Urological Pathology (ISUP) for his lifetime achievement in urological pathology. Dr. Cheng is the President-Elect (2023-2025) of the International Society of Urological Pathology (ISUP). Dr. Cheng's research focuses on translational studies of genitourinary cancers and molecular diagnostics of solid tumors (Email: [liang\\_cheng@brown.edu](mailto:liang_cheng@brown.edu) | website: <https://vivo.brown.edu/display/lcheng26>)

## BIOGRAPHICAL SKETCH

Dr. Liang Cheng is the Professor of Pathology and Surgery/Urology (Research Scholar Track), Vice Chair for Translational Research, Director of Anatomic Pathology, Director of Molecular Pathology in the Department of Pathology and Laboratory Medicine at the Brown University Warren Alpert Medical School | Brown University Health. He is also the Associate Director for Shared Resources, the Legorreta Cancer Center at Brown University, Providence, Rhode Island. He served for over a decade as the inaugural Virgil H. Moon Endowed Chair Professor of Pathology, Professor of Urology; Director of Molecular Pathology Laboratories, and Director of Genitourinary Pathology at Indiana University School of Medicine | Indiana University Health, Indianapolis, Indiana.

Dr. Cheng is board certified in Molecular Genetic Pathology, Anatomic and Clinical Pathology by the American Board of Pathology. At the age of 15, he entered the six-year medical program in Beijing Medical University/Peking University (the top medical school in China) as the youngest medical student. Dr. Cheng completed his pathology residency at Case Western Reserve University and University Hospitals Cleveland Medical Center, Cleveland, Ohio and his fellowship at the Mayo Clinic, Rochester, Minnesota. Dr. Cheng has received numerous prestigious awards including the Stowell-Orbison Award from the United States and Canadian Academy of Pathology (USCAP) and the Koss Medal Award from the International Society of Urological Pathology (ISUP) (“The medal is awarded for a lifetime achievement in the broad field of urological pathology and is the highest award bestowed by the Society”). He was the recipient of the annual Arthur Purdy Stout Prize from the Arthur Purdy Stout Society of Surgical Pathologists in recognition of outstanding contributions to the field of surgical pathology as a surgical pathologist under the age of 45. He also received the W. Dwayne Lawrence Award for Excellence in Diagnostic Surgical Pathology. Dr. Cheng was the Chairperson for the International Society of Urological Pathology (ISUP) Bladder Cancer Grading Working Group in 2020 (the work was published in *European Urology Focus* 2021 PMID: 33771477). He was also the Chairperson for ISUP Molecular Pathology of Bladder Cancer Working Group in 2019 (the work was published in *American Journal of Surgical Pathology* 2019 PMID:32091435); Chairperson for 2022 ISUP Multidisciplinary Consensus Conference on Current Issues in Bladder Cancer in Basel, Switzerland (the work was published in *American Journal of Surgical Pathology* 2024 PMID: 37288838); and Conference Chairperson for 2024 *ISUP Multidisciplinary Consensus Conference on Cancer Precursor Lesions of the Genitourinary Organs* in Florence, Italy. He is the current President-Elect (2023-2025) of the International Society of Urological Pathology (<https://isupweb.org>). Dr. Cheng was the Chair of the American Society of Clinical Oncology (ASCO) Education Program on “Applications of Artificial Intelligence in Prostate Cancer Care” at the 2024 ASCO Annual Meeting in Chicago.

**Dr. Cheng has published over 1,200 peer-reviewed articles in high-impact scientific journals**, including *British Medical Journal (BMJ)* (IF 107), *Nature Reviews Disease Primers* (IF 81), *Nature Biotechnology* (IF 68), *Cancer Cell* (IF 50), *Annals of Oncology* (IF 56), *Journal of Clinical Oncology* (IF 50), *JAMA Oncology* (IF 32), *Molecular Cancer* (IF 41), *Cell Metabolism* (IF 31), *Gut* (IF 31), *Science Immunology* (IF 30), *European Urology* (IF 25), *Cancer Communications* (IF 20), *Molecular Cell* (IF 18), *Nature Communications* (IF 17), *Cell Reports Medicine* (IF 17), *Advanced Science* (IF 16), *Nature Reviews Urology* (IF 16), *Journal of*

*National Cancer Institute* (IF 13), *Proceedings of the National Academy of Science* (IF 12), *Clinical Cancer Research* (IF 12), *Cancer Research* (IF 12), *Molecular Therapy* (IF 12), *Cancer Treatment Reviews* (IF 12), *Theranostics* (IF 12), *Journal of Nanobiotechnology* (IF 11), *IEEE Transactions on Medical Imaging* (IF 11), *Endocrine Pathology* (IF 11), *NPJ Precision Oncology* (IF 10), *Cell Death and Disease* (IF 10), *Journal of Pathology* (IF 10), as well as 61 first-author original research studies in *Cancer: An Official Journal of the American Cancer Society* (IF 6.8) (<https://tinyurl.com/LiangChengPubMed>). **His published work has been cited over 72,000 times (ISI Web of Science *h*-index: 133; *i10*-index: 963). Dr. Cheng is ranked among the top three most cited authors in the category of “Urologic Oncology” and “Urology” in Google Scholar** (<https://tinyurl.com/LiangChengGoogleScholar>). The majority of his papers are co-authored with trainees. He is an active member of over 30 editorial boards, including *Molecular Cancer* (IF 41, Associate Editor), *Human Pathology* (Senior Associate Editor), *Pathology-Research and Practice* (North American Editor), *Applied Immunohistochemistry and Molecular Morphology* (Associate Editor), *Frontiers in Oncology* (Associate Editor), *Journal of Personalized Medicine* (Section Editor-in-Chief), *American Journal of Surgical Pathology*, *Modern Pathology*, *Histopathology*, *Virchows Archiv*, *Journal of Pathology* (past), *Expert Review of Molecular Diagnostics*, *European Journal of Cancer* (past), *Journal of Clinical Pathology*, *Pathology*, *Future Oncology*, *Urologic Oncology*, *Expert Review of Anticancer Therapy*, *Critical Reviews in Oncology/Hematology* (past), *Journal of Personalized Medicine*, and others. He was an editorial board member of *European Journal of Cancer*, *Journal of Pathology*, *Critical Reviews in Oncology/Hematology*. He is currently the Editor-in-Chief of *Expert Review of Precision Medicine and Drug Development* (<https://www.tandfonline.com/journals/tepm20>) (2017-now). More recently, he has been appointed as the Editor-in-Chief of *American Journal of Translational Research*. (<https://ajtr.org>) Dr. Cheng was the guest editor of 2012 and 2019 Annual Review Issue (ARI) of *Histopathology* on Urologic Pathology. In the 2016 WHO Classification of Tumors of Urinary System and Male Genital Organ blue book, 85 of his publications, including 20 first author papers, were cited. These references accounted for 2.7% (85/3106) of the total number of referenced works. He was the author of 21 book chapters in the 2022 WHO blue book (Classification of GU Tumours). He was the first prize winner of the poster award at the 2012 European Congress of Pathology. He also established a record for the greatest number of abstract presentations (n=36) at one national meeting of the United States and Canadian Academy of Pathology (USCAP) in its history. These abstracts accounted for 2.3% (36/1551) of the total number of abstracts accepted for the 2004 annual meeting in Vancouver. Dr. Cheng was ranked No. 11 among pathologists for the total number of abstracts presented at the USCAP Annual Meetings between 2015 and 2018 (<https://thepathologist.com/outside-the-lab/the-best-metric-of-success>)

**Dr. Cheng is also the author of over 150 book chapters and 20 textbooks**, including *Molecular Genetic Pathology* (Springer Nature, 2008 and 2013), *Molecular Surgical Pathology* (Springer Nature, 2013 and 2023), *Bladder Pathology* (Wiley, 2012 and 2022), *Urologic Surgical Pathology* (Elsevier, 2008, 2014, 2020, 2025), *Essentials of Anatomic Pathology* (Springer Nature, 2002, 2006, 2011, and 2016), *Pathology of the Prostate* (Cambridge University Press, 2017), *Atlas of Anatomic Pathology* (Series Editor, Springer, 2011-present), and *Tumors of the*

*Kidney, Bladder, and Related Urinary Structures* (Armed Forces Institute of Pathology /AFIP Fascicle, 5th Series. ARP Press, 2022). His textbook, *Essentials of Anatomic Pathology*, which is now in its 4<sup>th</sup> edition, is the No. 1 downloaded book from Springer, and has been downloaded 210,812 times since its online publication on April 5, 2011. He is the chief editor of the classical urologic textbook, *Urologic Surgical Pathology* (Elsevier, 4<sup>th</sup> edition, 2020), which is ranked as the No. 1 new book release from both Pathology and Urology categories in Amazon. His 2023 new book, *Molecular Surgical Pathology*, is ranked as the No. 1 new book release from Oncology category, and the No. 4 from Pathology category in Amazon.

**Under Dr. Cheng's Directorship at Indiana University, the annual volume of molecular tests performed at the IU Health Molecular Pathology Laboratory has increased 7.3-fold from 31,418 molecular tests in 2007 to 230,531 tests in 2017.** Dr. Cheng is also the principal or co-investigator for more than 40 funded grants and has served as a member of over 50 Grant Review Panels for Federal Funding Agencies (NIH, NCI, DOD, etc.). He has served as an NIH/NCI review panelist for the Specialized Programs of Research Excellence (SPORE) each year since 2000. Dr. Cheng has been a member of the National Cancer Institute Bladder Cancer Task Force and the Surgical Pathology Committee of the College of American Pathologist (CAP), and an author and a member of the CAP Cancer Panel Working Group for the Cancer Genomics Resource (2014). He has been an author and member of the international working groups for the 2004, 2016 and 2022 WHO Blue Books on Tumors of the Urinary System and Male Genital Organs. In 2021, Dr. Cheng was ranked No. 1 among the World's Experts in Urogenital Neoplasms (<https://expertscape.com/ex/urologic+neoplasms>) and Top 3 Experts in the field of Bladder Cancer by Expertscape (<https://expertscape.com/ex/bladder+cancer>). Dr. Cheng's research focuses on translational studies of genitourinary cancers and molecular diagnostics of solid tumors (website: <https://vivo.brown.edu/display/lcheng26>).

**Full CV available upon request:**

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E-mail: [liang\\_cheng@yahoo.com](mailto:liang_cheng@yahoo.com) or [liang\\_cheng@brown.edu](mailto:liang_cheng@brown.edu)

# CURRICULUM VITAE

## EDUCATION

- Master of Arts *ad eundem* (May 26, 2024)  
Brown University, Providence, Rhode Island
- Fellow in Urologic Pathology (7/1997-12/1998)  
Mayo Clinic and Mayo Foundation  
Rochester, Minnesota
- Resident in Anatomic and Clinical Pathology (7/1993-7/1997)  
Case Western Reserve University and University Hospitals Cleveland Medical Center  
Cleveland, Ohio
- M.S. (8/1988-8/1990)  
Laboratory of Molecular Biology, Dept. of Biological Sciences; University of Illinois;  
Chicago, Illinois (selected as an outstanding graduate student, 1990)
- M.D. (8/1981-7/1987)  
Beijing Medical University/Peking University Health Science Center, Beijing, China

## SPECIALTY BOARD STATUS

- 2005 Diplomat in *Molecular Genetic Pathology (MGP)*, the American Board of Pathology (September 26, 2005)
- 1997 Diplomat in *Anatomic and Clinical Pathology (AP/CP)*, the American Board of Pathology (June 11, 1997)
- 1994 Federation Licensing Examination (FLEX), the Federation of State Medical Boards of the United States (FIN: 651109513, March 30, 1994)

## LICENSURE AND CERTIFICATION

- State of Rhode Island License (# MD18208)
- State of Indiana License (# 01044973)
- State of Ohio License (# 35-08-1944-C, expired April 2005)
- Educational Commission for Foreign Medical Graduates (ECFMG) Certificate  
(# 0-471-287-3, October 14, 1992)

## ACADEMIC & CLINICAL APPOINTMENTS

- 12/1998 Visiting Assistant Professor of Pathology; Indiana University School of Medicine, IN
- 1/1999-7/2005 Assistant Professor of Pathology; Indiana University School of Medicine (IUSM), IN
- 1/1999-7/2005 Assistant Professor of Urology; Indiana University School of Medicine, IN
- 1/1999-6/2022 *Director*, Molecular Pathology Laboratories, Department of Pathology and Laboratory Medicine, Indiana University School of Medicine, Indianapolis, IN.
- 7/2005-7/2008 Associate Professor of Pathology (tenured); Indiana University School of Medicine
- 7/2005-7/2008 Associate Professor of Urology; Indiana University School of Medicine, IN
- 7/2007-6/2022 *Chief*, Genitourinary Pathology Service & Director of Molecular Pathology, Indiana University School of Medicine | Indiana University Health, Indianapolis, Indiana
- 7/2008-7/2022 Professor of Pathology, Indiana University School of Medicine, IN
- 7/2008-6/2022 Professor of Urology; Indiana University School of Medicine, IN
- 7/2015-6/2022 Inaugural Virgil H. Moon Endowed Chair Professor of Pathology, Indiana University School of Medicine, Indianapolis, Indiana



- 7/2022-now Vice Chair for Translational Research, Department of Pathology and Laboratory Medicine, Warren Alpert Medical School of Brown University, Providence, RI
- 7/2022-now Director of Anatomic Pathology & Director of Molecular Pathology, Brown University Health, Providence, RI
- 7/2022-now Member, Pathology Residency Selection Committee, Warren Alpert Medical School of Brown University, Providence, RI.
- 9/2022-now Member, Brown University Health Laboratory Stewardship Committee
- 10/2022-now Co-Chair, Cancer Biospecimen Bank Working Group, the Legorreta Cancer Center at Brown University, Warren Alpert Medical School of Brown University, Providence, RI
- 10/2022-now Member of the Cancer Therapeutic Program, the Legorreta Cancer Center at Brown University, Warren Alpert Medical School of Brown University, Providence, RI
- 10/2022-now Chairperson, Brown Pathology Pilot Grant Award Selection Committee, Warren Alpert Medical School of Brown University, Providence, RI
- 10/2022-now Chairperson, Brown Pathology Travel Award Selection Committee, Warren Alpert Medical School of Brown University, Providence, RI.
- 1/2023-now Moderator, Precision Medicine Tumor Board, the Legorreta Cancer Center at Brown University, Providence, RI
- 7/2023-now Associate Director for Shared Resources, the Legorreta Cancer Center at Brown University, Warren Alpert Medical School of Brown University, Providence, RI
- 7/2023-now Cancer Center Leadership Advisory Board, the Legorreta Cancer Center at Brown University, Warren Alpert Medical School of Brown University, Providence, RI
- 7/2023-now Professor (**Research Scholar Track**), Department of Pathology and Laboratory Medicine, Warren Alpert Medical School of Brown University, Providence, RI
- 10/2023-now Member, Faculty Tenure and Promotion Committee, Department of Pathology and Laboratory Medicine, Warren Alpert Medical School of Brown University, Providence, RI
- 1/2024-now Professor, Department of Surgery / Urology, Warren Alpert Medical School of Brown University, Providence, RI

## SELECTED ACCOMPLISHMENTS

- Dr. Liang Cheng's published work has been cited over 71,025 times (ISI Web of Science *h-index*: 132; *i10-index*: 942) as of July 2024.
- Recipient of the W. Dwayne Lawrence Award for Excellence in Diagnostic Surgical Pathology (June 14, 2024)
- Chair of the American Society of Clinical Oncology (ASCO) Education Program on Artificial Intelligence in Prostate Cancer Care at the 2024 ASCO Annual Meeting in Chicago, June 3, 2024.
- The Virchows Archiv Prize for the Best Paper, from the European Society of Pathology at the 35<sup>th</sup> European Congress of Pathology, September 9-13, 2023, Dublin, Ireland (senior author).
- President-Elect (2023-2025), the International Society of Urological Pathology (ISUP)
- In 2021, Dr. Cheng was ranked No. 1 among the World's Experts in Urogenital Neoplasms (<https://expertscape.com/ex/urogenital+neoplasms>) and Top 3 Experts in the field of Bladder Cancer by Expertscape (<https://expertscape.com/ex/bladder>) ("The Expertscape

medical search and ranking solution uses objective algorithms to identify the most knowledgeable and experienced doctors and medical institutions across over 26,000 specific topics, covering hundreds of institutions and thousands of specialists worldwide)

- Ranked No. 11 among pathologists for the total number of abstracts presented at the USCAP Annual Meetings between 2015 and 2018. Indiana University was ranked No. 14 among all institutions (<https://thepathologist.com/outside-the-lab/the-best-metric-of-success>)
- In 2015, Dr. Cheng became the inaugural holder of Virgil H. Moon Chair Professor of Pathology and Laboratory Medicine at the Indiana University (Dr. Moon was the first Chair of Pathology Department from 1914-1927).
- Recipient of the 2006 Arthur Purdy Stout Prize from the Arthur Purdy Stout Society of Surgical Pathologists. (“The prize is intended to recognize significant career achievements in Surgical Pathology by young surgical pathologists whose research publications, whether clinical or basic, have had a major impact on diagnostic pathology”).
- Recipient of the Koss Medal Award from the International Society of Urological Pathology (ISUP), the highest award bestowed by the Society.
- Principal investigator or Co-investigator for 21 funded grants (\$11,244,700 total) (from 1998-2007).
- Member of 22 Grant Review Panels for Federal Funding Agencies (NIH/NCI, DOD etc) (from 1998-2007).
- Certificate of Appreciation from the National Cancer Institute (NCI) Director Dr. Andrew C. von Eschenbach (2002) and Director Dr. Richard Klausner (2000).
- Has published >600 peer-reviewed articles in high-impact scientific journals, including *Proceedings of the National Academy of Sciences*, *Journal of the National Cancer Institute*, *Nature Biotechnology*, *Journal of Clinical Oncology*, *Journal of Pathology*, *American Journal of Pathology*, *Cancer Research*, *Oncogene*, *European Urology*, and *Clinical Cancer Research*. Total number of first or last author peer-reviewed journal papers from 1993-2007:183.
- Author of > 100 book chapters and >500 scientific abstracts (>20 abstracts per year for the United States and Canadian Academy of Pathology (USCAP) meeting since 2004).
- Established a record for the greatest number of abstract presentations (36) in the history of the United States and Canadian Academy of Pathology (USCAP) (see abstract No. 92-127), accounting for 2.3% (36/1551) of total abstracts accepted in the 2004 annual meeting; the first or last author in 34 abstracts. Indiana University School of Medicine was ranked in the top 4 institutions for first-authored papers accepted for presentation at the Academy.
- Has served as an Editorial Board member of >30 Journals, including *Molecular Cancer*, *European Journal of Cancer*, *American Journal of Surgical Pathology*, *Modern Pathology*, *Human Pathology*, *Histopathology*, *Journal of Pathology*, *Journal of Clinical Pathology*, *Pathology*, *Critical Reviews in Oncology/Hematology*, *Urologic Oncology*, *Expert Review of Anticancer Therapy*, *Future Oncology* etc.
- Author of the book: *Bladder Pathology*, Wiley-Blackwell, Hoboken, NJ, 2012 (total of 34 chapters, 768 pages).
- Chief Editor of the book “*Essentials of Anatomic Pathology*”; 3<sup>rd</sup> edition, Springer, New York, April 2011 (total of 1879 pages).
- Co-author of the book “*Atlas of Genitourinary Pathology*”; Springer-Verlag, London, 2011.
- Chief Editor of the book “*Molecular Genetic Pathology*” 2<sup>nd</sup> edition, 2013; designated as “Springer Major Reference Work”
- Chief Editor of the book “*Molecular Surgical Pathology*”; Springer, New York, 2013.

- Editor of the textbook “*Urologic Surgical Pathology*”, Elsevier New York, 2008, 2013, 2020 edition.
- Recipient of the Stowell-Orbison Award in 1996 and senior author (mentor) of a study receiving the same award from the United States and Canadian Academy of Pathology in 2005.
- Surgical Pathology Award for Pathologist-in-training (senior author), the United States and Canadian Academy of Pathology (USCAP), and the Association of Directors of Anatomic and Surgical Pathology (ADASP), 2019 (“Using deep convolutional neural networks to classify kidney neoplasms”).
- Stowell-Orbison Certificate of Merit Award for Pathologist-in-training (senior author), the United States and Canadian Academy of Pathology, 2003 and 2006.
- *Excellence in Urologic Research Award* for Pathologist-in-training (senior author), International Society of Urologic Pathology, 2003, 2004, 2005, 2007, 2008, 2010.

### **VISITING PROFESSORSHIP**

January 20-22, 2014	Department of Pathology, University of California at Los Angeles (UCLA), Los Angeles, CA
January 20, 2006	Ball Memorial Hospital Residency Training Program, Muncie, IN
August 10, 2002	Department of Pathology, Jilin University, Changchun, China.
October 16-18, 2001	McGill University Health Center, Montreal General Hospital and Royal Victoria Hospital, Visiting Professor, Department of Urology, Montreal, Canada
January 24, 2024	University of California San Francisco, Department of Pathology, San Francisco, CA

### **PROFESSIONAL ORGANIZATIONS/MEMBERSHIPS**

2023-present	American Society of Clinical Oncology (ASCO)
2023-present	Association of Clinical Scientists (Fellow)
2007-present	Arthur Purdy Stout Society of Surgical Pathologists
2007-present	The Histochemical Society
2007-present	College of American Pathologists
2007-present	Society of Applied Immunohistochemistry
1999-present	American Association for Cancer Research (AACR)
1999- present	American Urologic Association (AUA)
1999-present	Association for Molecular Pathology (AMP)
1999-present	International Society of Urological Pathology (ISUP)
	President (2025-2027, anticipated)
	President-Elect (2023-2025)
	(Founding) Chair, ISUP Stipend Award Committee (2006-2010)
	Treasurer and Board Member (2005-2010)
	Education Program   Companion Meeting Organizer (2001-2010)
1997-present	United States and Canadian Academy of Pathology
1994-present	International Association of Chinese Pathologists (website: <a href="http://www.iacp.us">www.iacp.us</a> )
	President (2005-2006)
	President-Elect (2004-2005)
	Treasurer (2002-2004)
1999-2001	American Association for the Advancement of Science
1993-2004	American Society of Clinical Pathologists



1993-2003

College of American Pathologists

**HONORS AND AWARDS**

- President (2025-2027), the International Society of Urological Pathology (ISUP)
- President-Elect (2023-2025), the International Society of Urological Pathology (ISUP)
- *Dr. Ondra Hes Award for Best Kidney Cancer Research* for Pathologist-in-training (senior author), the Genitourinary Pathology Society, 2024.
- Master of Arts *ad eundem* degree at Brown's 256th Commencement on May 26, 2024.
- Recipient of the W. Dwayne Lawrence Award for Excellence in Diagnostic Surgical Pathology (June 14, 2024)
- Virchows Archiv Prize for the Best Paper, from the European Society of Pathology at the 35<sup>th</sup> European Congress of Pathology, September 9-13, 2023, Dublin, Ireland (senior author).
- Fellow of the Association of Clinical Scientists, 2023
- Recipient of the 2022 ACAP (the Association of Chinese American Physicians) Professional Achievement Award.
- Ranked No. 1 among the World's Experts in Urogenital Neoplasms (<https://expertscape.com/ex/urogenital+neoplasms>) and Top 3 Experts in the field of Bladder Cancer by Expertscape (<https://expertscape.com/ex/bladder>) in 2021
- Ranked No. 4 in the World's Top Doctors in bladder cancer, and No. 7 in Urogenital Neoplasms by Expertscape in 2018
- Ranked No. 11 among pathologists for the total number of abstracts presented at the USCAP Annual Meetings between 2015 and 2018. Indiana University was ranked No. 14 among all institutions (<https://thepathologist.com/outside-the-lab/the-best-metric-of-success>)
- Recipient of the 2018 CAPA (Chinese American Pathologist Association) Distinguished Pathologist Award.
- Recipient of the 2017 Albert Nelson Marquis Lifetime Achievement Award.
- In 2015, Dr. Cheng was awarded the endowed chair professorship named after the first Chair of Pathology Department (from 1914-1927), Dr. Virgil H. Moon.
- In 2018, Dr. Cheng was ranked No. 4 in the World's Top Doctors in bladder cancer, and No. 7 in Urogenital Neoplasms by Expertscape. ("The Expertscape medical search and ranking solution uses objective algorithms to identify the most knowledgeable and experienced doctors and medical institutions across over 26,000 specific topics, covering hundreds of institutions and thousands of specialists worldwide; website: <http://expertscape.com/ex/bladder+cancer>)
- In 2014, Dr. Cheng was ranked No. 7 in the World's Top Doctors in bladder cancer, and No. 5 in Urogenital Neoplasms by the Expertscape.
- "Best Doctors in America" Named to Best Doctors in America, 2011-2014, Naifelt S and White-Smith G, eds. Woodward White, Aiken, SC.
- Top Doctors, *Indianapolis Monthly Magazine*, 2012.
- First Best Poster Prize, the 24<sup>th</sup> European Congress of Pathology, September 12, 2012, Prague, Czech Republic.
- E-Medicine Certificate of Recognition (July, 2010); E-Medicine Contributor of the Month (August, 2009)
- *Excellence in Urologic Research Award* for Pathologist-in-training (senior author), International Society of Urologic Pathology, 2008.

- *IACP Outstanding Service Award*, International Association of Chinese Pathologists, 2008.
- International Advisor, the 5<sup>th</sup> Asia Pacific International Academy of Pathology (IAP) Congress, Singapore, 2007.
- *Excellence in Urologic Research Award* for Pathologist-in-training (senior author), International Society of Urologic Pathology, 2007.
- Recipient of the 2006 Arthur Purdy Stout Prize from the Arthur Purdy Stout Society of Surgical Pathologists.
- Stowell-Orbison Certificate of Merit Award for Pathologist-in-training (senior author), the United States and Canadian Academy of Pathology, 2006 (among 490 applications). (“Molecular evidence for the same clonal origin of multifocal papillary thyroid carcinomas” *Clin Cancer Res* 12:2414-8, 2006).
- Recipient of 2006 Prestigious External Award Recognition, Chancellor’s Academic Honors Convocation.
- Liang Cheng Academic Excellence in Pathology Award, established to honor students and pathologists in training who have demonstrated excellence in research, Department of Pathology Peking University Health Science Center (formerly Beijing Medical University) (established in 2006).
- Stowell-Orbison Award for Pathologist-in-training (senior author), the United States and Canadian Academy of Pathology, 2005. (“Molecular genetic evidence for the independent origin of multifocal papillary tumors in patients with papillary renal cell carcinoma. *Clin Cancer Research* 11:7226-7233, 2005 - the single article selected in the October 15 issue by Clinical Cancer Research for commentary in THE BIOLOGY BEHIND “Multifocal Renal Cancer: Genetic Basis and Its Medical Relevance” by W.Marston Linehan pp7206-7208.)  
<http://clincancerres.aacrjournals.org/cgi/content/full/11/20/7206>)
- Excellence in Urologic Research Award for Pathologist-in-training (senior author), International Society of Urologic Pathology, 2005.
- Resident Research Mentor of the Year (2004), Department of Pathology, Indiana University School of Medicine; Indianapolis, IN.
- The Koss Medal Award, International Society of Urologic Pathology, 2004.
- Established a record for the greatest number of abstract presentations (36) in the history of the United States and Canadian Academy of Pathology (USCAP) (see abstract No. 92-127), accounting for 2.3% (36/1551) of total abstracts accepted in the 2004 annual meeting; the first or last author in 34 abstracts. Indiana University School of Medicine was ranked in the top 4 institutions for first-authored papers accepted for presentation at the Academy.
- Excellence in Urologic Research Award for Pathologist-in-training (senior author), International Society of Urologic Pathology, 2004. (“Genetic heterogeneity in renal cell carcinomas with clear cell and sarcomatoid components” *Cancer* 104: 1195-1203, 2005).
- Resident Research Mentor of the Year (2003), Department of Pathology, Indiana University School of Medicine; Indianapolis, IN.
- Stowell-Orbison Certificate of Merit Award for Pathologist-in-training (senior corresponding author), the United States and Canadian Academy of Pathology, 2003. (“Identical allelic loss in mature teratoma and different histologic components of malignant mixed germ cell tumors of the testis” *American Journal of Pathology* 163: 2477-2484, 2003).
- Excellence in Urologic Research Award for Pathologist-in-training (senior author), International Society of Urologic Pathology, 2003.
- Who’s Who in Medicine and Health Care, 2002-5 (Marquis, 4th Edition).

- International Scientist of the Year, 2002 (IBC, Cambridge, England).
- Certificate of Appreciation from National Cancer Institute (NCI) Director Dr. Richard Klausner, 2000.
- Eminent Scientist of the Year (Gold Medal Award), International Research Promotion Council, Asia-Pacific Chapter, 1999.
- Stowell-Orbison Award of the United States and Canadian Academy of Pathology, 1996. (**Cheng L** et al. Relationship between histologic size and margin status of ductal carcinoma *in situ* of the breast to residual disease. *Journal of the National Cancer Institute* 89:1356-60, 1997)
- Certificate of Recognition, American Society of Clinical Pathology/College of American Pathologists, 1997 (**Cheng L** et al. Evidence of independent origin of multiple tumors from prostate cancer patients. *Journal of the National Cancer Institute* 90:233-7, 1998)
- Young Investigator Travel Award, International Symposium on Biology of Prostate Growth, 1998.
- Resident Competition Award, Cleveland Society of Pathologists, 1997.
- Selected as an Outstanding Graduate Student, Department of Biological Sciences, University of Illinois, Chicago, Illinois, 1990
- Fellowship in the Laboratories of Molecular Biology, University of Illinois, 1990.
- Enrolled as the youngest medical student (age 15) in the highest-ranked medical school in China (Beijing Medical University/Peking University Health Science Center, Beijing, China), 1981.

#### TEACHING ASSIGNMENTS SINCE APPOINTMENT

2000-2022	Laboratory Instructor for Second Year Medical Students (C603 General Pathology)
2000-2022	Pathology Lecture for Second Year Medical Students (C604 Systemic Pathology)
2000-2022	Pathology Lectures for Medical Cytotechnologist Program.
1999-2022	Pathology Lectures for Urology Residents
1999-2022	Slide Conferences for Pathology Residents
2000-2022	Diagnostic Molecular Pathology Seminar Series (Organizer and seminar speakers)
2002-2022	Faculty Mentor in IU School of Medicine Student Mentoring Program
2003-2022	Faculty Mentor for Indiana Cancer Center Summer Minority Research Fellowship (SMRF) program

#### PROFESSIONAL SERVICE

##### *Service to the Discipline - National and International*

2025-27	President, International Society of Urological Pathology (ISUP) (anticipated)
2023-25	President-Elect (2023-2025), International Society of Urological Pathology (ISUP)
2024	Moderator and Speaker, <i>An Update in Genitourinary Pathology</i> Symposium at the 35 <sup>th</sup> International Academy of Pathology (IAP) Congress, Cancun, Mexico, October 27, 2024.

- 2024 Member of the Review Panel, NCI Specialized Programs of Research Excellence (SPORE) in Prostate, Brain, Melanoma, Rectal Cancer, Sarcoma, and Leukemia, NIH/National Cancer Institute, September 26- 27, 2024.
- 2024 Chairperson, *International Society of Urological Pathology (ISUP) Multidisciplinary Consensus Conference on Premalignant Lesions of Genitourinary Organs*, Florence, Italy, September 12, 2024
- 2024 Program Chair of the American Society of Clinical Oncology (ASCO) Education Program on “*Applications of Artificial Intelligence in Prostate Cancer Care*” at the 2024 ASCO Annual Meeting in Chicago, June 3, 2024.
- 2024 Member of the Review Panel, NCI Specialized Programs of Research Excellence (SPORE) in Kidney, Lung, Head & Neck, Breast and Ovarian Cancer, NIH/National Cancer Institute, May 16- 17, 2024.
- 2024 Member of the Review Panel, NCI Biomarker, Imaging, and Quality of Life Studies Funding Program (BIQSFP), NIH/National Cancer Institute, April 18, 2024.
- 2024 – now Molecular Pathology Moderator, Worldwide Innovative Network (WIN), Molecular Tumor Board.
- 2024 Member of the Review Panel, Prostate Cancer Outcome Prediction and Prognostication using Advanced Imaging Modalities (Project No. C/2024/2687), sponsored by Belgian Foundation Against Cancer, Schaerbeek, Belgium, October 7, 2024.
- 2023 Member of the Review Panel, NCI Specialized Programs of Research Excellence (SPORE) in Prostate, Lung, Colorectal, and Brain Cancer, NIH/National Cancer Institute, September 28-29, 2023.
- 2023 Member of the Review Panel, NCI Specialized Programs of Research Excellence (SPORE) in Prostate, Ovary, Uterus, and Neuroendocrine Cancer, NIH/National Cancer Institute, May 18, 2023.
- 2023 Member of the Review Panel, NCI Specialized Programs of Research Excellence (SPORE) in Prostate, Kidney, Bladder, and Melanoma by NIH/National Cancer Institute, February 23-24, 2023.
- 2023 Member of the Review Panel, Academic Partners Grant. Discovery and validation of urinary metabolic biomarker for early-stage bladder cancer diagnosis, sponsored by the British Columbia Cancer Agency (BC Cancer) and Genome British Columbia (Genome BC), Vancouver, Canada, December 4, 2023.
- 2023 Member of the Review Panel, Young Investigator Grant (Project Number 15545). Molecular Profiling of Bladder Cancer, sponsored by the Dutch Cancer Society (DCS), Amsterdam, Netherlands, July 31, 2023.
- 2022 Member of the Review Panel, NCI Investigator-initiated Program Project (P01) Applications, sponsored by NIH/National Cancer Institute, October 25-26, 2022.
- 2022 Member of the Review Panel, NCI Specialized Programs of Research Excellence (SPORE) in Prostate, Kidney, Breast, Ovary, and Uterine Cancers by NIH/National Cancer Institute, February 8-9, 2022.
- 2021 Panel Member, 22<sup>nd</sup> Annual Scientific Meeting of the Society of Urologic Oncology, “Non-Muscle Invasive Bladder Cancer”, Orlando, FL, December 2, 2021
- 2021 Member of the Review Committee, NIH/NCI UH2/UH3 Grant Application. “Assay Validation of High-Quality Markers for Clinical Studies in Cancer”, November 17, 2021

- 2021 Scientist Reviewer, Congressionally Directed Medical Research Programs (CDMRP) | 2021 Peer Reviewed Cancer Research Program (PRCRP) on the Germ Cell Cancers, sponsored by the Department of Defense (DOD), November 8, 2021
- 2021 Member of the Review Panel for the Kidney Cancer Association (KCA) Research Grants, sponsored by the Kidney Cancer Association, Houston, Texas, September 15, 2021.
- 2021 Member of the National Cancer Institute Special Emphasis Panel, “NCI Clinical and Translational Cancer Research (R03/R21)”, sponsored by National Cancer Institute/National Institutes of Health, July 20, 2021.
- 2020 Member of the Review Panel, NCI Specialized Programs of Research Excellence (SPORE) in Prostate, Kidney, and Breast Cancers by NIH/National Cancer Institute, September 22-23, 2020.
- 2020 Co-Chair, Bladder Cancer Grading Working Group, sponsored by the International Society of Urological Pathology (ISUP).
- 2020 Moderator, Genitourinary Pathology Platform Presentation, 109<sup>th</sup> Annual Meeting of the United States and Canadian Academy of Pathology, Los Angeles, LA, March 3, 2020.
- 2019 Co-Chair, Molecular Pathology of Bladder Cancer Working Group, sponsored by the International Society of Urological Pathology (ISUP).
- 2019 Member of Scientific Advisory Board, NIDDK P20 Center Grant “Leukocyte Phenotypes Associated with BPH”, NorthShore University Health System, Evanston, IL.
- 2018 Member of the Review Panel, NCI Specialized Programs of Research Excellence (SPORE) in Prostate, Kidney, and Bladder Cancers by NIH/National Cancer Institute, January 29-30, 2018.
- 2018 External Examiner of MD Examination of UCD, University College, Dublin, Ireland.
- 2017 Member of the Review Panel, NCI Specialized Programs of Research Excellence (SPORE) in Prostate, Kidney, and Bladder Cancers by National Cancer Institute, June 22-23, 2017.
- 2017 Faculty Member, the Molecular Oncology Tumor Board Series, “Cancer of Unknown Primary”, June 2017, sponsored by the American Society of Clinical Oncology (ASCO), College of American Pathologists (CAP), and Association for Molecular Pathology (AMP).
- 2016 Member of the Review Panel, Congressionally Directed Medical Research Programs (CDMRP) 2016 Prostate Cancer Research Program sponsored by the Department of Defense (DOD), Washington DC, November 30-December 2, 2016
- 2016 Members of the National Cancer Institute Special Emphasis Panel, “Early Detection Research Network (EDRN): Biomarker Developmental Laboratories”, sponsored by National Cancer Institute, Washington DC, July 21-22, 2016.
- 2016 Member of the NCI Program Project III (P01) Review Committee, Review Panel, NCI, Bethesda, June 9-10, 2016.
- 2016 Member of the Bladder Cancer Task Force, National Cancer Institute (NCI).
- 2016 Member of the Review Panel, NCI Specialized Programs of Research Excellence (SPORE) in Prostate, Kidney, Pancreas, and Colon Cancers by National Cancer Institute, February 2-4, 2016.
- 2016 Member of the National Cancer Institute Special Emphasis Panel, “Cell and Animal Models for Researching Disparities”, sponsored by National Cancer Institute, Washington DC, February 29, 2016.

- 2015 Member of the Review Panel, Congressionally Directed Medical Research Programs (CDMRP) 2015 Prostate Cancer Research Program sponsored by the Department of Defense (DOD), Washington DC, November 18-20, 2015
- 2015 External Reviewer of NCI Intramural Research Program in Laboratory of Pathology/Center for Cancer Research (CCR), Bethesda, Maryland, October 12-14, 2015.
- 2015 Member of the Review Panel, NCI U01 Molecular and Cellular Characterization of Scree-Detected Lesions, Bethesda, Washington DC, April 12, 2015.
- 2015 Member of the Review Panel, NCI Specialized Programs of Research Excellence (SPORE) in Prostate, Kidney and Ovarian Cancers by National Cancer Institute, February 3-4, 2015.
- 2015 Member of the Bladder Cancer Task Force, National Cancer Institute (NCI).
- 2014 Member of the Review Panel, NCI Specialized Programs of Research Excellence (SPORE) in Ovarian, Gastrointestinal and Prostate Cancers by National Cancer Institute, October 6-7, 2014.
- 2014 Members of the National Cancer Institute Special Emphasis Panel, Research Answers to NCIs Provocative Questions, sponsored by National Cancer Institute, Washington DC, May 20-21, 2014.
- 2014 Moderator, Genitourinary Pathology Platform Presentation, 103rd Annual Meeting of the United States and Canadian Academy of Pathology, Baltimore, MD, March 3, 2014.
- 2014 Member of the Bladder Cancer Task Force, National Cancer Institute (NCI).
- 2008-14 Surgical Pathology and Immunohistochemistry Committee, College of American Pathologist.
- 2014 Program Committee Member, The Third International Conference on Translational Medicine, November 03-05, 2014, Las Vegas, NV.
- 2014 Program Committee Member, Annual International Conference on Advanced Research: Pathology, July 21-22, 2014, Singapore.
- 2013 Member of the Review Panel, Congressionally Directed Medical Research Programs (CDMRP) 2013 Prostate Cancer Research Program (PCRP)/HDRA, sponsored by the Department of Defense, December 4-5, 2013, Baltimore, MD
- 2013 Member of the Organizing Committee for the Second International Conference on Predictive, Preventive and Personalized Medicine & Molecular Diagnostics, November 3-5, 2014, Las Vegas, NV.
- 2013 Moderator, Genitourinary Pathology Platform Presentation, 102nd Annual Meeting of the United States and Canadian Academy of Pathology, Baltimore, MD, March 4, 2013.
- 2013 Convener, the 8<sup>th</sup> Asia Pacific International Academy of Pathology (IAP) Congress (2013), Busan, Korea.
- 2013 Member of the Bladder Cancer Task Force, National Cancer Institute (NCI).
- 2012 Scientific Program Committee Member, Society of Urologic Oncology (SUO) Annual Meeting, Bethesda, Maryland, Nov 28-30, 2012.
- 2012 Member of the Society of Urologic Oncology (SUO) Abstract Review Board.
- 2012 Member of the United States and Canadian Academy of Pathology (USCAP) Abstract Review Board.
- 2012 Member of the Review Panel, Congressionally Directed Medical Research Programs (CDMRP) 2012 Prostate Cancer Research Program (PCRP) BDA (Biomarker Development Award) sponsored by the Department of Defense, Washington DC, October 14-15, 2012



- 2012 Member of the Review Panel, NCI Specialized Programs of Research Excellence (SPORE) in Prostate and Gastrointestinal Cancers sponsored by National Cancer Institute, February 15-16, 2012.
- 2012 Co-Editor, Annual Review Issue (ARI) of *Histopathology*, January, 2012 “Towards the standardization and synthesis of morphology, genes and prognosis in prostate cancer”.
- 2012 Member of the Review Panel, NCI Specialized Programs of Research Excellence (SPORE) in Gastrointestinal and Prostate Cancers by National Cancer Institute, February 15-16, 2012.
- 2012 Member of the Bladder Cancer Task Force, National Cancer Institute (NCI).
- 2011 Member of the Review Panel, Congressionally Directed Medical Research Programs (CDMRP) 2011 Prostate Cancer Research Program DDP (Detection, Diagnosis, and Prognosis) sponsored by the Department of Defense (DOD), Washington DC, October 12-14, 2011
- 2011 Co-chair, Working Group IV – Biomarkers of Kidney Cancer (Diagnosis, Prognosis, Prediction), the International Society of Urological Pathology (ISUP).
- 2011 Member of the Review Panel, NCI Specialized Programs of Research Excellence (SPORE) in Lymphoma, Breast, Genitourinary and Gastrointestinal Cancers sponsored by National Cancer Institute, June 8-10, 2011.
- 2011 Member of the Review Panel, NCI Specialized Programs of Research Excellence (SPORE) in Prostate, Skin, Pancreatic and Other GI Cancers, sponsored by National Cancer Institute, Washington DC, February 2-4, 2011.
- 2011 Member of the Bladder Cancer Task Force, National Cancer Institute (NCI).
- 2011 International Convenor, the 7<sup>th</sup> Asia Pacific International Academy of Pathology (IAP) Congress, Taipei, Taiwan, May 20-24, 2011.
- 2011 Moderator, Recent Advances in Urological Pathology, the 7<sup>th</sup> Asia Pacific International Academy of Pathology (IAP) Congress, Taipei, Taiwan, May 24, 2011.
- 2010 Member of the Review Panel, Congressionally Directed Medical Research Programs (CDMRP) 2010 Prostate Cancer Research Program DDP (Detection, Diagnosis, and Prognosis) sponsored by the Department of Defense, Washington DC, Aug 1-3, 2010.
- 2010 Member of the Special Emphasis Panel, Specialized Programs of Research Excellence (SPORE) in Prostate and Skin, sponsored by National Cancer Institute, Washington DC, June 15-16, 2010.
- 2010 Member of the Bladder Cancer Task Force, National Cancer Institute (NCI).
- 2010 Member of the Special Emphasis Panel, Instruments and Devices for Cancer Diagnosis, Prognosis, and Treatment, sponsored by National Cancer Institute, March 16-17, 2010.
- 2010 Ad Hoc Reviewer, “The development of a prediction model for recurrence and progression of bladder cancer”, Biomarkers and Imaging Discover and Development Committee, Cancer Research UK, London, UK.
- 2005-2010 Treasurer and Executive Board Member, International Society of Urologic Pathology (ISUP).
- 2009 Member of the Review Panel, Congressionally Directed Medical Research Programs (CDMRP) 2009 Prostate Cancer Research Program (PCRP) Prostate Cancer Pathology Resources Network Award (PCPRNA) sponsored by the Department of Defense, Washington DC, Sept 20-21, 2009.
- 2009 Member of the Special Emphasis Panel, Specialized Programs of Research Excellence (SPORE) in Prostate, Kidney, Breast, Brain, and Melanoma, sponsored by National Cancer Institute, February 11-12, 2009.

- 2009 Member of the Special Emphasis Panel, Molecular Oncology P01 Applications, sponsored by National Cancer Institute, February 5-6, 2009.
- 2009 Member of Training and Education Committee, Association of Molecular Pathology (AMP).
- 2009 Surgical Pathology Committee, College of American Pathologist.
- 2008 The VIII International Conference of AntiCancer Research, Co-Chair “Diagnosis and Prognosis” Symposium, Kos Island, Greece, October 17, 2008.
- 2008 Member of the Special Emphasis Panel, Discovery and Development P01 Applications, sponsored by National Cancer Institute, Rockville, MD, Oct 1-2, 2008.
- 2008 Member of the Review Panel, Congressionally Directed Medical Research Programs (CDMRP) 2008 Prostate Cancer Research Program MBG3 (Molecular Biology and Genetics) sponsored by the Department of Defense, Washington DC, Sept 10-12, 2008.
- 2008 International Society of Urologic Pathology Companion Meeting, United States and Canadian Academy of Pathology, Denver, CO, March 1, 2008 (Moderator).
- 2008 Member of the Special Emphasis Panel, Specialized Programs of Research Excellence (SPORE) in Breast, Gynecologic, Genitourinary and Prostate Cancer, sponsored by National Cancer Institute, Washington DC, February 12-14, 2008.
- 2008 Grant Reviewer, sponsored by the Swiss Cancer League, Berne, Switzerland.
- 2008 Member of Training and Education Committee, Association of Molecular Pathology (AMP).
- 2008 Member of the Organizing Committee for the Eighth International Conference of Anticancer Research in Kos Island, Greece, 2008.
- 2007-now Scientific Advisory Board, the International Institute of Anti-Cancer Research (IIAR), Attiki, Greece.
- 2007 International Advisor, the 5<sup>th</sup> Asia Pacific International Academy of Pathology (IAP) Congress, Singapore, May 28-31, 2007.
- 2007 Moderator, Genitourinary Seminar: Challenging Case in Urologic Pathology, the 5<sup>th</sup> Asia Pacific International Academy of Pathology (IAP) Congress, Singapore, May 28, 2007.
- 2007 Moderator, Symposium: Recent Advances in Urologic Pathology, the 5<sup>th</sup> Asia Pacific International Academy of Pathology (IAP) Congress, Singapore, May 28, 2007.
- 2007 External Reviewer of NCI Intramural Research Program in Laboratory of Pathology/Center for Cancer Research, Bethesda, Maryland, May 2-4, 2007.
- 2007 International Society of Urologic Pathology Companion Meeting, United States and Canadian Academy of Pathology, San Diego, California, March 24, 2007 (Moderator).
- 2007 Member of the Special Emphasis Panel, Specialized Programs of Research Excellence (SPORE) in Prostate, Breast, and Skin Cancer, sponsored by National Cancer Institute, February 13-15, 2007.
- 2007 Panel Member, International Bladder Cancer Research Workshop, Houston, TX, January 18-19, 2007.
- 2006 Member of the Prevention, Control and Population Sciences Special Emphasis Panel, sponsored by National Cancer Institute.
- 2006 Member of the United States and Canadian Academy of Pathology (USCAP) Abstract Review Board.
- 2006 The 4<sup>th</sup> Annual Meeting of Tumor Diagnostics, Sponsored by Chinese Anti-Cancer Association and Journal of Clinical and Experimental Pathology, Huang Shan, China, September 17, 2006 (Moderator).

- 2006 Chair, International Society of Urologic Pathology (ISUP) Stipend Award Committee
- 2006 Co-Chair, Section A-Genitourinary Pathology Pre-offered Papers, 2006 Annual Meeting of the United States and Canadian Academy of Pathology, Atlanta, GA.
- 2006 International Society of Urologic Pathology Companion Meeting, United States and Canadian Academy of Pathology, Atlanta, Georgia, February 11, 2006 (Moderator).
- 2006 Member of the Review Panel, Specialized Programs of Research Excellence (SPORE) in Prostate and Skin Cancer, sponsored by National Cancer Institute.
- 2006 Member of the Review Panel, Research Grant Application, the Israel Science Foundation, Israel.
- 2005 Member of the United States and Canadian Academy of Pathology (USCAP) Abstract Review Board.
- 2005 International Society of Urologic Pathology Companion Meeting, United States and Canadian Academy of Pathology, San Antonio, Texas, February 26, 2005 (Moderator).
- 2005 The Fourth Asia-Pacific International Academy of Pathology Congress, Genitourinary Pathology, Beijing, China, August 23, 2005 (Moderator).
- 2005 The Fourth Asia-Pacific International Academy of Pathology Congress, Diagnostic Immunohistochemistry, Beijing, China, August 23, 2005, "OCT4: A Novel Germ Cell Tumor Marker" (Speaker).
- 2005 The Fourth Asia-Pacific International Academy of Pathology Congress, Molecular Pathology, Beijing, China, August 26, 2005, "Application of Molecular Techniques in Surgical Pathology" (Speaker).
- 2004 Panel Member, International Consensus on Bladder Cancer sponsored by the World Health Organization, International Society of Urology, and International Consultation on Urologic Diseases, Honolulu, Hawaii, October 3-7, 2004.
- 2004 Panel Member of Practice Site Visit, Dana-Farber/Harvard Cancer Center, Boston, Massachusetts.
- 2004 Presenter of Slide Seminar in Urogenital Pathology, International Academy of Pathology, Brisbane, Australia, October 12, 2004.
- 2004 Moderator of Short Course "Update on Surgical Pathology of the Urinary Bladder", International Academy of Pathology, Brisbane, Australia, October 14, 2004.
- 2004 International Society of Urologic Pathology Companion Meeting, International Academy of Pathology, Brisbane, Australia, October 11, 2004 (Chairperson and speaker)
- 2004 Member of the United States and Canadian Academy of Pathology (USCAP) Abstract Review Board.
- 2004 Panel Member of the 1<sup>st</sup> Committee (Diagnosis) on International Consensus on Bladder Cancer sponsored by the World Health Organization, International Society of Urology, and International Consultation on Urologic Diseases (at the American Urologic Association Annual Meeting, San Francisco, CA).
- 2004 International Society of Urologic Pathology Companion Meeting, United States and Canadian Academy of Pathology, Washington DC, March 6, 2004 (Moderator)
- 2003 Member of the United States and Canadian Academy of Pathology (USCAP) Abstract Review Board.
- 2003 Member of the Review Panel, Endoscopic Clinical Research in Pancreatic and Biliary Diseases, sponsored by National Institute of Diabetes and Digestive and Kidney Diseases.
- 2003 Member of the Review Panel, Testicular Germ Cell Tumors (DDHK 2004-3123), sponsored by the Dutch Cancer Society (DCS), Amsterdam, Netherlands.

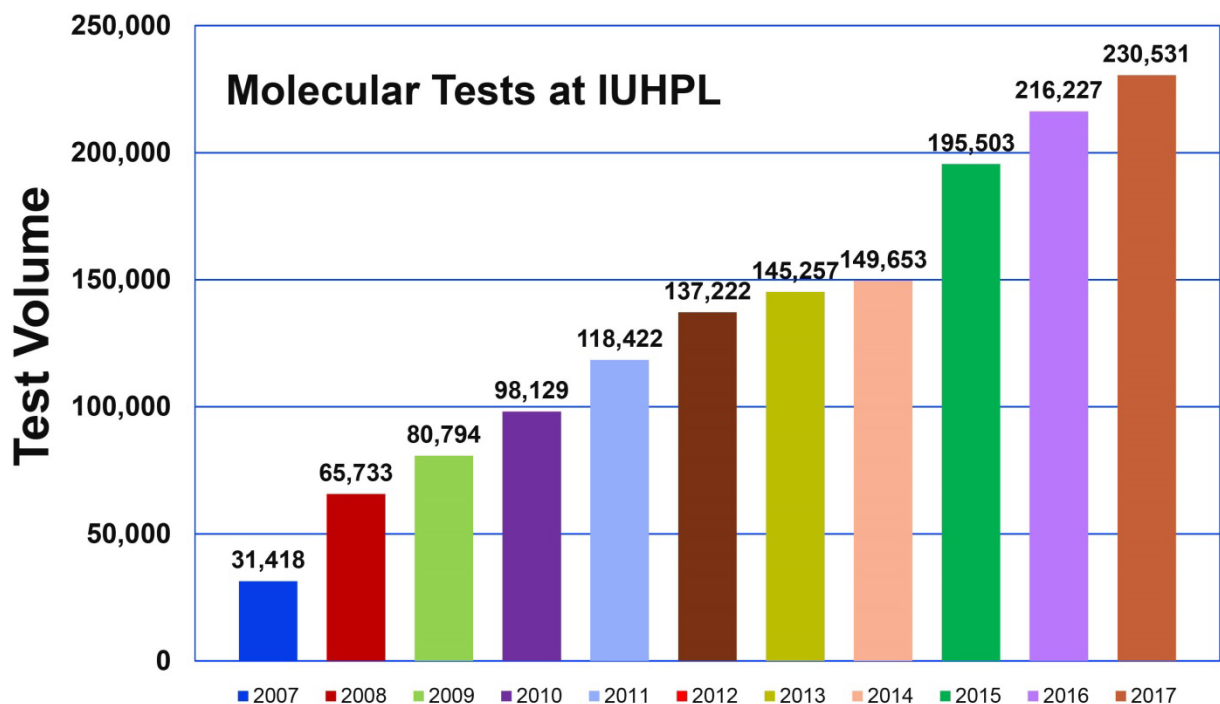
- 2003 Member of the Review Panel, The Advanced Technology Program and Technology Development and Transfer Program, sponsored by Texas Higher Education.
- 2003 International Society of Urologic Pathology Companion Meeting, United States and Canadian Academy of Pathology, Washington DC (Moderator).
- 2005-6 President, International Association of Chinese Pathologists.
- 2004-5 President-Elect, International Association of Chinese Pathologists.
- 2002-4 Treasurer and Executive Member, International Association of Chinese Pathologists.
- 2002 Co-Chair, Section E-Genitourinary Pathology Preoffered Papers, 2002 Annual Meeting of United States and Canadian Academy of Pathology, Chicago, IL
- 2002 Member of the Review Panel, Phase I and Phase II Clinical studies of Cancer Chemopreventive Agents, sponsored by National Cancer Institute
- 2002 Member of the Review Panel, Prostate Cancer Bone Metastasis: Biology and Targeting, sponsored by National Cancer Institute.
- 2002 Member of the Review Panel, Specialized Programs of Research Excellence (SPORE) in Prostate Cancer, sponsored by National Cancer Institute.
- 2002 Member of the Writing Panel, *World Health Organization Classification of Tumors of the Urinary Bladder and Male Genital Organs*.
- 2002 Member of the Writing Panel, *World Health Organization Classification of Tumors of Endocrine Organs*
- 2002 International Society of Urologic Pathology Companion Meeting, United States and Canadian Academy of Pathology, Chicago, IL (Moderator and speaker)
- 2001-2009 Program Committee, International Society of Urologic Pathology
- 2001 International Consultation on the Diagnosis of Noninvasive Urothelial Carcinoma, Ancona, Italy (Rapporteur)
- 2000 Member of the Review Panel, Specialized Programs of Research Excellence (SPORE) in Prostate and Lung Cancer, sponsored by National Cancer Institute
- 2001 Member of the Review Panel, Molecular Pathway of Bladder Cancer Progression, sponsored by National Cancer Institute.
- 2000 Panel Member, State of the Science Workshop in Superficial Bladder Cancer, sponsored by National Cancer Institute.
- 2000 Member of the Review Panel, Shared Resources for Scientists Outside NCI Cancer Centers, sponsored by National Cancer Institute
- 1999 Member of the Review Panel, the Prostate Cancer Research Program- Cancer Center Initiation Award, sponsored by Department of Defense
- 1999 Member of the Review Panel, the Cooperative Prostate Cancer Tissue Resource Program, sponsored by National Cancer Institute.

### ***Service to Patients***

1999-2022 **Director**, Molecular Pathology, Indiana University Health Pathology Laboratories (IUHPL). As the Director of Molecular Pathology Laboratory, Indiana University School of Medicine. I have made unique contributions to patient care. Our Molecular Lab serves as a regional referral Laboratory (IU Health Pathology Laboratory, IUHPL) for the Indiana University Health Systems (Methodist Hospital, Indiana University Hospital, and Riley Children's Hospital), Wishard Hospital, VISN 11 Medical Centers including Detroit, Ann Arbor, Battle Creek, Danville, Fort Wayne, Saginaw, and Indianapolis VA Medical Centers. ***Under my Directorship, the annual volume of molecular tests performed in the molecular lab has increased 7.3 folds from IUHPL (from 31,418 tests in 2007 to 230,531 tests in 2017).***

1999-2022 **Surgical Pathologist** with specialization in Urologic Pathology. In addition to participating routine general surgical pathology sign-out service at the IU Health (Indiana University Hospitals and Methodist Hospital) (26 weeks per year since 1999), I have been responsible for mapping and signing-out all radical prostatectomy specimens from Indiana University Hospitals (approximately 150 cases per year) since 1999. Detailed mapping of whole-mounted prostate cancer specimens yields information that is critical for optimal patient management.

**Number of Molecular Tests at the Indiana University Molecular Pathology Laboratory**



***Service to the Institution***

- 2015-2022 Steering Committee member of the IU-Purdue Cancer Center Genitourinary Malignancy Program
- 2008-present Faculty Promotion and Tenure Committee, Department of Pathology, IU School of Medicine
- 2010-2013 Faculty Promotion and Tenure Committee, Indiana University School of Medicine
- 2010-2013 Lectures and Clinical Rank Faculty Appointment Contract and Promotion Committee, Indiana University School of Medicine
- 2007 Recognition of Five Years of Service to the Student Mentoring Program (2002-2007), Indiana University (IU) School of Medicine
- 2007 Faculty Search and Screen Committee, Department of Medical and Molecular Genetics, Indiana University School of Medicine
- 2005-2010 Chair, Anatomic Pathology New Technology Committee

2005-2022	Faculty, Indiana University Graduate School, Indianapolis, IN
2002-2022	Resident Education Committee, Department of Pathology, IU School of Medicine
2002-2022	Faculty Mentor in IU School of Medicine (IUSM) Student Mentoring Program
2001-2022	Director, Laser Capture Microdissection Facility, IU Cancer Center
2000-2022	Research Committee, Department of Pathology, IU School of Medicine
1999-2022	Director, Molecular Pathology Laboratory, Department of Pathology and Laboratory Medicine, IU School of Medicine
1999-2005	Assistant Member, Indiana University Graduate School, Indianapolis, IN
1999-2001	Member, R. L. Roudebush VA Medical Center Research and Development Committee, Indianapolis, IN
2000	Compensation Committee, Department of Pathology, IU School of Medicine
2002	Faculty Search Committee, Department of Pathology, IU School of Medicine
2003	Faculty Mentor for Indiana Cancer Center Summer Minority Research Fellowship (SMRF) program (student: Curtis Moore)

### ***Service to the Community***

1999-2008	Consultant, Lilly Prostate Research Laboratories, Eli Lilly Cooperate Center; Indianapolis, IN. (unpaid)
2000-2008	Consultant, Lilly Histopathology Laboratory, Eli Lilly Cooperate Center; Indianapolis, IN. (unpaid)
2000-2008	Consultant, Focus Surgery Inc., Indianapolis, IN. (unpaid)
2002	Member of College of American Pathologists (CAP) Inspection Team for COVANCE Inc, Indianapolis, IN (5/24/02)
2003	Member of College of American Pathologists (CAP) Inspection Team for Laboratory Corporation of America (LabCorp), Research Triangle Park, North Carolina (12/16/03).
2002-2004	Treasurer and Executive Board Member, International Association of Chinese Pathologists (IACP)
2004-2005	President-Elect, International Association of Chinese Pathologists
2005-2006	President, International Association of Chinese Pathologists
2005	Member of College of American Pathologists (CAP) Inspection Team for Associated Regional and University Pathologists Inc.(ARUP), Salt Lake City, Utah (11/1/05-11/3/05).
2005-2010	Treasurer and Executive Board Member, International Society of Urological Pathology (ISUP)

### **Other Professional Activity**

#### ***Editor and Associate Editor Positions***

*American Journal of Translational Research*

Editor-in-Chief (2023- present)

*Expert Review of Precision Medicine and Drug Development* (Publisher: Taylor & Francis)

Editor-in-Chief (2017- present)

*Molecular Cancer* (2022 journal impact factor, 42)

Associate Editor (2012-present)



*Human Pathology*

Senior Associate Editor (2015-present)

*Applied Immunohistochemistry and Molecular Morphology*

Associate Editor (2013-present)

*Frontiers in Oncology*

Associate Editor (2020-present)

*Pathology-Research and Practice*

North American Editor (2021-present)

*Journal of Personalized Medicine*

Section Editor-in-Chief (2022-present)

**Editorial Board**

Modern Pathology (2003 – present)

(Official Journal of the United States and Canadian Academy of Pathology)

American Journal of Surgical Pathology (2006-present)

Human Pathology (2005- present)

Senior Associate Editor: 2015-present

Journal of Clinical Pathology (2011-present)

Histopathology (2012-present)

Pathology (2007-present)

(Official Journal of the Royal College of Pathologists of Australasia)

Endocrine Pathology (2015-present)

Molecular Cancer (2009-present) Associate Editor: 2012-present

European Journal of Cancer (2006-2015)

Journal of Pathology (2006-2009)

Journal of Experimental and Clinical Pathology (2005-present)

Histology and Histopathology *Cellular and Molecular Biology* (2006-present)

Future Oncology (2006-present)

Expert Review of Anticancer Therapy (2006-present)

Critical Reviews in Oncology/Hematology (2007-2018)

Applied Immunohistochemistry and Molecular Morphology (2006-present)

(Official Journal of the Society of Applied Immunohistochemistry)

Associate Editor: 2013-present

Anticancer Research (2006-present)

(International Journal of Cancer Research and Treatment, Official Journal of the International Institute of Anticancer Research)

Associate Editor: 2014-present

Analytical and Quantitative Cytology and Histology (2005-present)

(Official Journal of the International Academy of Cytology and the American Society of Cytopathology)

Chinese Journal of Pathology (2006-present)

International Journal of Clinical and Experimental Pathology (2007-2008)

Journal of Histochemistry and Cytochemistry (2007-present)

(Official Journal of the Histochemical Society)

International Journal of Integrative Oncology (2009-now)

(Official Journal of the Canadian Integrative Cancer Therapies Association)

International Braz J Urol (2007-present)

Arch It Urol Androl (2007-present)

Journal of Translational Medicine (2009-present)  
Translational Medicine (2011-present)  
Journal of Cancer (2010-present)  
Urologic Oncology (2011-present)  
Chinese Journal of Cancer Research (2013-present)  
Hepatobiliary Surgery and Nutrition Cancer (2015- present)  
BioMed Research International (2014-present)  
Bladder Cancer (2015- present)  
Future Science (2015-present)  
Journal of Personalized Medicine (2020-present)  
Frontiers in Oncology (2020-present)  
Journal of Clinical and Translational Pathology (2021-present)  
Expert Review of Molecular Diagnostics (2022-present)  
Virchows Archiv (The European Journal of Pathology) (2023-present)

***Ad Hoc Journal Reviewer***

1. *Journal of National Cancer Institute*
2. *American Journal of Pathology*
3. *Molecular Medicine*
4. *Cancer*
5. *New England Journal of Medicine*
6. *Laboratory Investigation*
7. *Journal of Urology*
8. *American Journal of Surgical Pathology*
9. *Modern Pathology*
10. *Journal of Urologic Pathology*
11. *Clinica Chimica Acta*
12. *Expert Opinion on Investigational Drugs*
13. *Mayo Clinic Proceedings*
14. *World Journal of Surgical Oncology*
15. *Applied Immunohistochemistry and Molecular Morphology*
16. *Journal of Biomedicine and Biotechnology*
17. *Oncogene*
18. *Journal of Clinical Pathology*
19. *Pathology*
20. *Cancer Research*
21. *Asian Journal of Andrology*
22. *Cancer Letters*
23. *Human Pathology*
24. *Journal of Pathology*
25. *Histopathology*
26. *Prostate Cancer and Prostatic Diseases*
27. *Future Oncology*
28. *Anticancer Research*
29. *Urology*
30. *Journal of Postgraduate Medicine*
31. *Cellular and Molecular Life Sciences (CMLS)*
32. *Analytical and Quantitative Cytology and Histology*

33. *Archive of Pathology and Laboratory Medicine*
34. *Journal of Histochemistry and Cytochemistry*
35. *Indian Journal of Urology*
36. *International Braz J Urol*
37. *Tumori*
38. *BMC Cancer*
39. *Pancreas*
40. *European Urology*
41. *Clinical Genitourinary Cancer*
42. *European Journal of Cancer*
43. *Clinical Cancer Research*
44. *Acta Cytologica*
45. *Histology and Histopathology*
46. *Expert Review of Anticancer Therapy*
47. *BJU International*
48. *Virchows Archiv*
49. *Pathology Research Practice*
50. *International Journal of Cancer*
51. *Cancer Biomarkers and Disease Markers*
52. *Molecular and Cellular Biochemistry*
53. *Cancer Detection and Prevention*
54. *Clinical and Experimental Metastasis*
55. *The Scientific World Journal*
56. *International Journal of Clinical and Experimental Pathology*
57. *Arch It Urol Androl*
58. *Pharmacogenomics*
59. *Biomarker Insights*
60. *Clinical Medicine: Oncology*
61. *Critical Reviews in Hematology/Oncology*
62. *Experimental Biology and Medicine*
63. *Tumor Biology*
64. *Urologia Internationalis*
65. *Neuroscience Letters*
66. *Current Urology*
67. *Molecular Therapy*
68. *Cancer Biology & Therapy*
69. *The Scientific World Journal*
70. *Carcinogenesis*
71. *Molecular Cancer Therapeutics*
72. *Cancer Investigation*
73. *Cancer Biomarkers*
74. *Journal of Clinical Laboratory Analysis*
75. *Journal of Molecular Diagnostics*
76. *Journal of Medical Case Reports*
77. *Journal of Medicine and Medical Sciences*
78. *Experimental and Molecular Pathology*
79. *International Journal of Surgical Pathology*
80. *Journal of Cellular and Molecular Medicine*

81. *North American Journal of Medicine and Science*
82. *Journal of Experimental & Clinical Cancer Research*
83. *Journal of Neuroscience Research*
84. *Translational Medicine: Current Research*
85. *Tissue & Cell*
86. *Postgraduate Medicine*
87. *Disease Markers*
88. *Journal of Translational Medicine*
89. *Breast Cancer Research and Treatment*
90. *Journal of Integrative Biology*
91. *International Journal of Urology*
92. *Chemotherapy*
93. *Annals of Surgical Oncology*
94. *Drug Discovery Today*
95. *Journal of Pediatric Surgery*
96. *Journal of Hematology and Oncology*
97. *British Journal of Cancer*
98. *Molecular Cell Research*
99. *American Journal of Clinical Dermatology*
100. *Brain Pathology*
101. *Journal of Cancer*
102. *Medicine*
103. *Neoplasia*
104. *Genes*
105. *Nature Reviews Urology*
106. *PLoS ONE*
107. *Cancer Genetics*
108. *Journal of Proteomics*
109. *American Journal of Nephrology*
110. *Targeted Oncology*
111. *European Urology*
112. *European Urology Oncology*
113. *European Urology Focus*
114. *Mayo Clinic Proceedings*
115. *Oncotarget*
116. *Cancer Research*
117. *Journal of Clinical Investigation*
118. *Scientific Reports*
119. *Lancet Oncology*
120. *Lancet*
121. *Molecular Cancer*
122. *Molecular Oncology*
123. *Molecular Cancer Research*
124. *Expert Review of Precision Medicine and Drug Development*
125. *Proceedings of the National Academy of Sciences (PNAS)*
126. *The Oncologist*
127. *Science Translational Medicine*
128. *Journal of Clinical Oncology*

- 129. *Nature Methods*
- 130. *Nature Genetics*
- 131. *CA Cancer Journal for Clinicians*
- 132. *Nature Reviews Disease Primers*
- 133. *Nature Ecology & Evolution*
- 134. *JAMA Network Open*
- 135. *Advanced Science*
- 136. *NEJM AI*

### ***Invited Talks***

The 12th Princeton Integrated Pathology Symposium, May 10, 2025, Plainsboro, New Jersey. “Glandular Lesions of the Urinary Tract: Selected Problems and Pitfalls”.

The 35<sup>th</sup> International Academy of Pathology (IAP) Congress, October 27, 2024, Cancun, Mexico. “Diagnosis and Differential Diagnosis of the Urinary Tract Glandular Lesions”

The 35<sup>th</sup> International Academy of Pathology (IAP) Congress, October 29, 2024, Cancun, Mexico. “Slide Seminar: Urologic Pathology”

The 36th European Congress of Pathology (ECP), Florence, Italy. Long Course “Hot Issues in Genitourinary Pathology”, September 10, 2024. Title of Presentation: “AI in Uro-pathology: Prostate Cancer”

The 2024 Annual Conference of Chinese Urological Doctor Association (CUDA), August 10, 2024, Xian, China. “Advances in Clinical Machine Learning for Prostate Cancer Diagnosis, Prognosis, and Treatment”

The 2024 Annual American Society of Clinical Oncology (ASCO) Meeting, Education Program on “Applications of Artificial Intelligence in Prostate Cancer Care: A Path to Enhanced Efficiency and Outcomes”, June 3, 2024, Chicago, IL. Title of Presentation: “Artificial Intelligence and Deep Learning in Prostate Cancer Pathology”

Boston VA Healthcare System Grandround, April 10, 2024, Boston, MA. “Molecular Pathology in the Diagnosis and Classification of Urologic Malignancies”.

University of California San Francisco (UCSF), Department of Pathology, January 24, 2024, San Francisco, CA. “Slide Seminar: Challenging Cases in Urologic Surgical Pathology”

The Yale Pathology Grandround, December 7, 2023, New Haven, CT. “Bladder Cancer: State of the Field and Future Directions”

The UConn Health Pathology Grandround, November 9, 2023, Farmington, CT. “Update in Urothelial Neoplasms with Emphasis on Tumor Classification and Differential Diagnosis”