

GEOFFREY ALEXANDER SONN, M.D.

EDUCATION

- ❖ Georgetown University, College of Arts and Sciences
Bachelor of Arts, American Studies, *magna cum laude* 2001
- ❖ David Geffen School of Medicine at UCLA
M.D. 2005
- ❖ David Geffen School of Medicine at UCLA
Track 2 Training Program in Clinical and Translational Research 2012-2013

TRAINING

- ❖ Resident, General Surgery, Stanford University Medical Center 2005-2007
- ❖ Resident, Urology, Stanford University Medical Center 2007-2011
- ❖ Fellow, Urologic Oncology, David Geffen School of Medicine at UCLA 2011-2013

ACADEMIC APPOINTMENTS

- ❖ Assistant Professor in Urology, Stanford University Medical Center 2013-present
- ❖ Associate Member of the Stanford Cancer Institute 2013-present
- ❖ Member, Stanford Bio-X 2014-present

AWARDS AND HONORS

- ❖ Rhodes Scholarship nomination - Georgetown University 2001
- ❖ Phi Beta Kappa Academic Honor Society 2001
- ❖ Alpha Sigma Nu National Jesuit Honor Society 2001
- ❖ Mahoney Medal (Georgetown's outstanding pre med with a liberal arts major) 2001
- ❖ UCLA Letter of Distinction, Fundamentals of Clinical Medicine 2003
- ❖ UCLA Letter of Distinction, Psychiatry 2003
- ❖ UCLA Letter of Distinction, Surgery 2004
- ❖ UCLA Letter of Distinction, Obstetrics & Gynecology 2004
- ❖ 1st Place Resident essay contest, Western Section AUA (Co-author) 2008
- ❖ 1st Place in Section, 3rd Place Overall, Poster Presentation, Western Section AUA 2008
- ❖ 1st Place in Clinical Research, Northern California Urology Resident Symposium 2008
- ❖ UCSF Department of Urology CaPSURE Scholars Program 2008-2009
- ❖ 3rd Place Resident Essay Contest in Clinical Research, AUA (Chicago) 2009
- ❖ 1st Place Overall Presentation, Northern California Urology Resident Symposium 2009

- ❖ Miley B. Wesson Resident Essay Contest 2nd place, Western Section AUA 2010
- ❖ Richard K. Lo, M.D. Resident Publication Award 2010
- ❖ 1st Place in Localized Kidney Cancer Session, Moderated Poster, AUA 2010
- ❖ 1st Place in Penis/Testis/Urethra Session, Moderated Poster, AUA 2010
- ❖ Research Award at Longmire Surgical Society Scientific Day, UCLA 2013
- ❖ 1st Place in Prostate Cancer: Detection & Screening Poster Session, AUA 2013
- ❖ 1st Place in Section, 2rd Place Overall, Poster Presentation, Western Section AUA 2013

CERTIFICATION & LICENSURE

- ❖ AUA 2007 In Service Exam: 94th Percentile
- ❖ AUA 2008 In Service Exam: 96th Percentile
- ❖ AUA 2009 In Service Exam: 90th Percentile
- ❖ AUA Board Exam Part 1: passed, top quintile

PROFESSIONAL SOCIETIES

- ❖ American Urological Association 2007-present
- ❖ Western Section AUA 2014-present
- ❖ American Association of Clinical Urologists 2007-present
- ❖ Society of Urology Oncology, Candidate Member 2012-present
- ❖ American Society of Clinical Oncologists, Member in Training 2012-present

EDITORIAL RESPONSIBILITIES

- ❖ Ad Hoc Reviewer, *Journal of Urology*
- ❖ Ad Hoc Reviewer, *Critical Reviews in Oncology/Hematology*
- ❖ Ad Hoc Reviewer, *Urology*
- ❖ Ad Hoc Reviewer, *Plos One*

RESEARCH EXPERIENCE

- ❖ Georgetown University American Studies Senior Thesis: *Migrant Agricultural Workers and Health Care in the United States*; Emmett Curran Ph.D. 2001
- ❖ Lombardi Cancer Center at Georgetown University; Mechanisms of loss of expression of estrogen receptors in breast cancer; Dorraya El-Ashry Ph.D. 2000-2001
- ❖ UCLA Medical Center; Department of Urology; Quality of life research in a group of uninsured, impoverished men with prostate cancer; Mark Litwin MD, MPH 2004-2005
- ❖ Stanford University Medical Center and The University of California 2008-2009

San Francisco Department of Urology; CAPSURE Scholars Program
Peter Carroll, MD and Mark Litwin, MD

- ❖ Stanford University Medical Center and Palo Alto Veterans Affairs, Department of Urology; Fibered Confocal Microscopy of Bladder Tumors
Joseph Liao, MD 2008-2009
- ❖ Stanford University Medical Center and Palo Alto Veterans Affairs, Department of Urology; Detection of Urinary Biomarkers Using an Electrochemical Biosensor
Joseph Liao, MD 2008-2009
- ❖ UCLA Medical Center; Department of Urology; MR-US Fusion Targeted Biopsy for the Detection of Prostate Cancer
Leonard Marks, MD 2011-2013
- ❖ UCLA Medical Center; Department of Urology; Development of a Fluorescently Labeled anti-PSCA Diabody for Molecular Image Guided Surgery
Robert Reiter, MD 2012-2013

PEER-REVIEWED PUBLICATIONS

1. Krupski T, **Sonn G**, Kwan L, Maliski S, Fink A, and Litwin MS. Ethnic Variation in Health Related Quality of Life in Low-Income Men with Prostate Cancer. Journal of Ethnicity and Disease. **15**(3): 461, 2005.
2. **Sonn G**, Aronson WJ, and Litwin MS. Impact of Diet on Prostate Cancer: a Review. Prostate Cancer Prostatic Diseases. **8**(4): 304, 2005.
3. Krupski T, Kwan L, Fink A, **Sonn G**, Maliski S, and Litwin MS. Spirituality Influences Health Related Quality of Life in Men with Prostate Cancer. Psychooncology, **15**(2): 121, 2006.
4. **Sonn G**, Shortliffe L. Management of Wilms Tumor: Current Standard of Care. Nature Clinical Practice Urology. **5**(10): 551, 2008.
5. Tarin T[‡], **Sonn G**[‡], Shinghal R. Estimating the Risk of Cancer Associated with Imaging-Related Radiation During Surveillance for Stage I Testicular Cancer using Computed Tomography. Journal of Urology. **181**(2): 627, 2009. [‡]*Equal study contribution*
* 1st Place Resident essay contest, Western Section AUA 2008
6. **Sonn G**, Mach K, Jensen K, Hsiung P, Jones S, Contag C, Wang T, and Liao J. Fibered Confocal Microscopy of Bladder Tumors: An Ex Vivo Study. Journal of Endourology. **23**(2): 197, 2009.
7. **Sonn G**, Jones S, Tarin T, Du C, Mach K, Jensen K, and Liao J. Optical Biopsy of Human Bladder Neoplasia with In Vivo Confocal Laser Endomicroscopy. Journal of Urology. **182**(4): 1299, 2009.

* 3rd Place Resident essay contest in clinical research, AUA 2009

8. **Sonn G**, Sadetsky N, Presti J, and Litwin M. Differing Perceptions of Quality of Life in Prostate Cancer Patients and Their Doctors. Journal of Urology. **182**(5): 2296, 2009.
9. Pan Y, **Sonn G**, Mach K, and Liao J. Electrochemical immunosensor detection of urinary lactoferrin in clinical samples for urinary tract infection diagnosis. Biosensors and Bioelectronics. **26**: 649, 2010.
10. Wu K, Liu J, Adams W, **Sonn G**, Mach K, Pan Y, Beck A, Jensen K, and Liao, J. Dynamic Real-time Microscopy of the Urinary Tract Using Confocal Laser Endomicroscopy. Urology. Jul; **78**(1): 225-31. 2011.
11. Logan JE, Rampersaud EN, **Sonn G**, Chamie K, Belldegrun AS, Pantuck AJ, Slamon DJ, and Kabbinavar FF. Systemic therapy for metastatic renal cell carcinoma: a review and update. Rev Urol. 2012; 14(3-4): 65-78.
12. Klatte T, Kroeger N, Rampersaud E, Birkhauser F, Logan J, **Sonn G**, Riis J, Rao P, Kabbinavar F, Belldegrun A, and Pantuck A. Gain of chromosome 8p is associated with metastases and poor survival of patients with clear cell renal cell carcinoma. Cancer. December 2012; 118(23): 5777-82.
13. **Sonn G**, Natarajan S, Margolis D, Macairan M, Lieu P, Huang J, Dorey F, Marks L. Targeted Biopsy in the Detection of Prostate Cancer Using an Office-Based Magnetic Resonance-Ultrasound Fusion Device. Journal of Urology. January 2013; 189(1): 86-91.
14. Kroeger N, Klatte T, Rao P, Chamie K, Birkhauser F, **Sonn G**, Riis J, Kabbinavar F, Belldegrun A, and Pantuck A. Deletions of Chromosomes 3p and 14q Molecularly Sub-Classify Clear Cell Renal Cell Carcinoma. Cancer. April 2013; 119(8): 1547-54.
15. **Sonn G**, Chang E, Natarajan S, Margolis D, Macairan M, Lieu P, Huang J, Dorey F, Reiter RE, Marks L. Value of Targeted Prostate Biopsy Via MR-US Fusion in Men with Prior Negative Biopsy and Elevated PSA. European Urology. March 17, 2013. Epub.
16. **Sonn G**, Margolis D, and Marks L. Target Detection - MRI:Ultrasound Fusion Guided Prostate Biopsy. Urologic Oncology. November 13, 2013. Epub.
17. Chamie K, **Sonn G**, Finley D, Tan N, Margolis D, Raman S, Natarajan S, Huang J, and Reiter R. The Role of MRI in Delineating Clinically Significant Prostate Cancer. Urology. In Press.
18. Hu JC, Chang E, Natarajan S, Margolis DJ, Macairan M, Lieu P, Huang J, **Sonn G**, Dorey FJ, Marks LS. Targeted Prostate Biopsy to Select Men for Active Surveillance: Do the Epstein Criteria Still Apply? Journal of Urology. February 7, 2014. Epub.
19. Le JD, Stephenson S, Brugger M, Lu DY, Lieu P, **Sonn GA**, Natarajan S, Dorey FJ, Huang J, Margolis DJ, Reiter RE, Marks LS. MRI-ultrasound fusion biopsy for prediction of final prostate pathology. Journal of Urology. April 30, 2014. Epub.

NON PEER REVIEWED PUBLICATIONS

1. **Sonn G** and Leppert J. Use of Partial Nephrectomy in the Veterans Affairs Health Care System. AUA News. January 2011.
2. **Sonn G** and Marks L. MRI-Ultrasound Fusion Prostate Biopsy in Men with Prior Negative Biopsy. AUA News. November 2013.

ABSTRACTS

1. **Sonn G**, McCormack M, Liao J, and Chung B. Hypertrophied Column of Bertin in a Patient Presenting with Transitional Cell Carcinoma of the Bladder. The Western Section of the American Urological Association. October 2007.
2. **Sonn G**, Mach K, Jensen K, Hsiung P, Jones S, Contag C, Wang T, and Liao J. Fibered Confocal Microscopy of Bladder Tumors: An Ex Vivo Study. The Western Section of the American Urological Association. October 2008.
* 1st Place in Section, 3rd Place Overall, Poster Presentation, Western Section AUA 2008
3. Tarin T, **Sonn G**, and Shinghal R. Estimating the Risk of Cancer Associated with Imaging-Related Radiation During Surveillance for Stage I Testicular Cancer using Computed Tomography. American Urologic Association. Chicago, Illinois. April 2009.
4. **Sonn G**, Jones S, Mach K, Du C, Jensen K, and Liao J. Optical Biopsy of Human Bladder Neoplasia with In Vivo probe-based Confocal Laser Endomicroscopy. American Urologic Association. Chicago, Illinois. April 2009.
5. **Sonn G**, Tarin T, and Comiter, C. Self catheterization is not for everyone. The Western Section of the American Urological Association. October 2009.
6. **Sonn G**, Vasanaawala M, Segall G, Leppert J, Freiha F, and Liao, J. Diagnosis and Staging of Urothelial Carcinoma with ¹⁸F-FDG PET/CT. The Western Section of the American Urological Association. October 2009.
7. **Sonn G**, Pan Y, Mach K, and Liao J. Development and Validation of a Sensitive Biosensor Assay for Urinary Inflammatory Biomarker Detection. The Western Section of the American Urological Association. October 2009.
8. **Sonn G**, Shinghal R, Yu R, Chung B, Srinivas S, Presti J, and Leppert J. Utilization of Partial and Radical Nephrectomy in the VA Health Care System: Analysis of 12,112 patients from the VA Central Cancer Registry. American Urologic Association. San Francisco, California. May 2010.
9. Tarin T, **Sonn G**, and Shinghal R. Is Surveillance for Stage I Seminoma Truly a Low Risk Option?: Estimating Imaging Related Radiation Exposure. American Urologic Association. San Francisco, California. May 2010.

10. Adams W, Wu K, **Sonn G**, Jensen K, and Liao, J. Comparison of 2.6 mm and 1.4 mm Imaging Probes for Confocal Laser Endomicroscopy of the Urinary Tract. Engineering & Urology Society at the AUA. San Francisco, California. May 2010.
11. Wu K, Adams W, **Sonn G**, Jensen K, and Liao, J. Dynamic Real Time Microscopy of the Urinary Tract: An Imaging Atlas Based on Confocal Laser Endomicroscopy. Engineering & Urology Society at the AUA. San Francisco, California. May 2010.
12. **Sonn G**, Shinghal R, Yu R, Chung B, Srinivas S, Presti J, and Leppert J. Kidney Cancer Outcomes in the VA Health Care System: Analysis of 12,112 patients from the VA Central Cancer Registry. The Western Section of the American Urological Association. October 2010.
13. **Sonn G**, Natarajan S, Margolis D, Macairan M, Lieu P, Huang J, Dorey F, Marks L. Value of Targeted Biopsy in Detecting Prostate Cancer using an Office-Based MR-US Fusion Device. American Urologic Association. Atlanta, Georgia. May 2012.
14. **Sonn G**, Natarajan S, Margolis D, Macairan M, Lieu P, Huang J, Dorey F, Marks L. Value of Targeted Biopsy in Detecting Prostate Cancer using an Office-Based MR-US Fusion Device. Focal Therapy and Imaging in Prostate & Kidney Cancer. 5th International Symposium. Durham, North Carolina. June 2012.
15. **Sonn G**, Natarajan S, Margolis D, Chang E, Macairan M, Lieu P, Huang J, Dorey F, Marks L. Impact of MR-US Fusion Targeted Confirmatory Biopsy on Patient Selection for Active Surveillance. Society of Urologic Oncology. Rockville, Maryland. November 2012.
16. **Sonn G**, Natarajan S, Margolis D, Chang E, Macairan M, Lieu P, Huang J, Dorey F, Marks L. Targeted Biopsy with MRI-Ultrasound Fusion. American Urologic Association. San Diego, California. May 2013.
17. **Sonn G**, Lepin E, Knowles S, Zettlitz K, Wu A, Reiter R. Development and Validation of a Fluorescent Labeled Antibody Fragment for Image-Guided Prostate Cancer Surgery. American Urologic Association. San Diego, California. May 2013.
18. **Sonn G**, Chang E, Natarajan S, Margolis D, Macairan M, Lieu P, Huang J, Hu J, Marks L. Use of an Electronic Tracking System for Repeat Biopsy of Prior Positive Sites in Men on Active Surveillance for Prostate Cancer. American Urologic Association. San Diego, California. May 2013.
19. **Sonn G**, Natarajan S, Margolis D, Chang E, Macairan M, Lieu P, Huang J, Dorey F, Marks L. Prospective Evaluation of MRI-Ultrasound Fusion Biopsy to Diagnose Prostate Cancer in Men with Prior Negative Biopsies. American Urologic Association. San Diego, California. May 2013.
20. **Sonn G**, Natarajan S, Margolis D, Chang E, Macairan M, Lieu P, Huang J, Dorey F, Marks L. Targeted Biopsy with MRI-Ultrasound Fusion. Western Section American Urologic Association. Monterey, California. November 2013.
21. **Sonn G**, Natarajan S, Margolis D, Chang E, Macairan M, Lieu P, Huang J, Dorey F, Marks L. Prospective Evaluation of MRI-Ultrasound Fusion Biopsy to Diagnose Prostate Cancer in Men

with Prior Negative Biopsies. Western Section American Urologic Association. Monterey, California. November 2013.

22. **Sonn G**, Lepin E, Knowles S, Zettlitz K, Wu A, Reiter R. Development and Validation of a Fluorescent Labeled Antibody Fragment for Image-Guided Prostate Cancer Surgery. Western Section American Urologic Association. Monterey, California. November 2013.

PRESENTATIONS

1. Contemporary Diagnosis and Management of Idiopathic Retroperitoneal Fibrosis. Santa Clara Valley Medical Center Urology Grand Rounds. February 1, 2008.
2. Estimating the Risk of Cancer from Imaging for NSGCT Surveillance. Annual Northern California Urological Resident Seminar. April 5, 2008.
* 1st Place in Clinical Research, Northern California Urology Resident Symposium 2008
3. Biopsy of Small Renal Masses. Stanford Urology Grand Rounds. April 8, 2008.
4. Testosterone Replacement Therapy for 'Sad' Men. Stanford Urology Grand Rounds. December 3, 2008.
5. Optical Biopsy of Human Bladder Neoplasia with In Vivo probe-based Confocal Laser Endomicroscopy. Annual Northern California Urological Resident Seminar. April 4, 2009.
* 1st Place Overall Presentation, Northern California Urology Resident Symposium 2009
6. Urinary Lactoferrin as a Biomarker of Urinary Tract Infection: Measurement with an Electrochemical Biosensor. Stanford Urology Research Conference. June 22, 2009.
7. Differing Perceptions of Quality of Life in Prostate Cancer Patients and Their Doctors. Stanford Urology Research Conference. June 22, 2009.
8. Novel Imaging Technologies for Bladder Cancer Diagnosis. Santa Clara Valley Medical Center Urology Grand Rounds. July 3, 2009.
9. Management of Congenital UPJ Obstruction in Adults. Santa Clara Valley Medical Center Urology Grand Rounds. September 4, 2009.
10. Contemporary Management of Androgen Insensitivity Syndrome. Stanford Urology Grand Rounds. February 2, 2010.
11. Biosensor-Based Diagnosis of Urinary Tract Infection. Annual Northern California Urological Resident Seminar. April 24, 2010.
12. Utilization of Partial and Radical Nephrectomy in the VA Health Care System: Analysis of 12,112 patients from the VA Central Cancer Registry. American Urologic Association. San Francisco, California. May 31, 2010.

13. Role of Active Surveillance in the Management of Men with Localized Prostate Cancer. Lessons from the 2011 NIH State of the Science Conference. UCLA Urology Grand Rounds. January 2012.
14. MR Imaging for Active Surveillance and Biopsy Planning. Practical Applications of Prostate MRI: Integrating Latest Advances into Clinical Practice. UCLA Office of Continuing Medical Education. March 16, 2013.
15. Next Generation Imaging for Prostate Cancer Diagnosis and Treatment. UCLA Joseph J. Kaufman Visiting Professor Lecture Series. June 14, 2013.
16. Changing the Face of Prostate Cancer Management – MRI-Ultrasound Fusion Targeted Prostate Biopsy. Stanford Cancer Center Referring Physician Event. September 17, 2013.
17. Changing the Face of Prostate Cancer Management – MRI-Ultrasound Fusion Targeted Prostate Biopsy. Stanford Cancer Center Prostate Cancer Community Talk. September 28, 2013.
18. Prostate MRI in Clinical Practice: the Changing Face of Prostate Cancer Management. Invited Lecture to the Stanford Electrical Engineering Department. October 2, 2013.