

BRIAN MICHAEL BENWAY, M.D.

EDUCATION AND TRAINING

2008-2010	Washington University School of Medicine	St. Louis, MO
	Fellow, Endourology and Robotic Surgery, Dept. of Surgery, Division of Urologic Surgery	
2007-2008	University of Wisconsin Hospital and Clinics	Madison, WI
	Chief Resident in Urology, Department of Surgery, Division of Urology	
2004-2007	University of Wisconsin Hospital and Clinics	Madison, WI
	Resident in Urology, Department of Surgery, Division of Urology	
2003-2004	University of Wisconsin Hospital and Clinics	Madison, WI
	Intern in General Surgery, Department of Surgery	
1999-2003	Indiana University School of Medicine	Indianapolis, IN
	Doctor of Medicine	
	▪ Completed pre-clinical years in a Problem-Based Learning curriculum at the Northwest Center for Medical Education in Gary, IN.	
1995-1999	Princeton University	Princeton, NJ
	A.B., <i>cum laude</i> , Psychology (Neuroscience)	
1991-1995	Valparaiso High School	Valparaiso, IN
	Graduated with Highest Distinction	

ACADEMIC APPOINTMENTS, LICENSURE AND BOARD CERTIFICATION

2015-present	Cedars-Sinai Medical Center	Los Angeles, CA
	Director, Comprehensive Kidney Stone Program, Urology Academic Practice	
2010-2015	Washington University School of Medicine	St. Louis, MO
	Assistant Professor of Urologic Surgery, Department of Surgery	
2012-2015	St. Louis VA Medical Center – John Cochran Division	St. Louis, MO
	Staff Urologist	
2011-2015	Midwest Stone Institute	St. Louis, MO
	Assistant Director of Research	
2010-2012	Parkland Health Center	Farmington, MO
	Staff Urologist	
2008-2010	Washington University School of Medicine	St. Louis, MO
	Instructor of Urologic Surgery, Department of Surgery	

Medical Board of California: License 135843

Missouri Board of Healing Arts: License 2009010691

PUBLICATIONS, PRESENTATIONS, AND RESEARCH

h-index: 14 (Scopus); 16 (Google Scholar)

Peer-Reviewed Publications and Manuscripts in Progress

- Mobley, JM, Vemana, G, Strother, M, Figenshau, RS, Vetter, JM, Larson, J, Benway, BM. In vivo evaluation of a reverse thermosensitive polymer for ureteroscopy with laser lithotripsy: porcine model. *Journal of Endourology*, 2014; 28: 554-559
- Song, JB, Tanagho, YS, Haseebuddin, M, Benway, BM, Desai, AC, Bhayani, SB, Figenshau, RS. Endoscopic management of genitourinary foreign bodies. *Reviews in Urology*, 2013; 15: 84-91
- Mobley, JM, Benway, BM. Editorial comment. *Urology*, 2013; 82: 838-839
- Tanagho, YS, Mobley, JM, Benway, BM, Desai, AC. Gas-producing renal infection presenting as pneumaturia: a case report. *Case Reports in Medicine*, 2013; doi: 10.1155/2013/730549
- Kim, EH, Tanagho, YS, Bhayani, SB, Saad, NE, Benway, BM, Figenshau, RS. Percutaneous cryoablation of renal masses: Washington University experience of treating 129 tumors. *British Journal of Urology International*, 2013; 111: 872-879
- Tanagho, YS, Andriole, GL, Paradis, AG, Madison, KM, Sandhu, GS, Varela, JE, Benway, BM. 2D versus 3D visualization: impact on laparoscopic proficiency using the fundamentals of laparoscopic surgery skill set. *Journal of Laparoendoscopic and Advanced Surgical Techniques*, 2012; 22:865-870
- Haseebuddin, M, Tanagho, YS, Millar, M, Roytman, T, Chen, C, Clayman, RV, Miller, B, Desai, A, Benway, B, Bhayani, S, Figenshau, RS. Long-term impact of laparoscopic cyst decortication on renal function, hypertension and pain control in patients with autosomal dominant polycystic kidney disease. *Journal of Urology*, 2012, *in press*
- Tanagho, YS, Roytman, TM, Bhayani, SB, Kim, EH, Benway, BM, Gardner, MW, Figenshau, RS. Laparoscopic cryoablation of renal masses: single-center long-term experience. *Urology*, 2012;80:307-315
- Thom, MR, Haseebuddin, M, Roytman, TM, Benway, BM, Bhayani, SB, Figenshau, RS. Robot-assisted pyeloplasty: outcomes for primary and secondary repairs, a single institution experience. *International Brazilian Journal of Urology*, 2012;38:77-83
- Benway, BM, Bhayani, SB. Re: cost comparison of robotic, laparoscopic, and open partial nephrectomy (from: Mir, SA, Cadeddu, JA, Sleeper, JP, Lotan, Y, J Endourol 2011;25:447-453) *Journal of Endourology*, 2011;25:1675-1676
- Kim, EH, Jain, S, Benway, BM, Figenshau, RS. Partial nephrectomy in two patients with known T3a tumours involving the renal vein. *British Journal of Urology International*, 2011, *in press*
- Benway, BM, Bhayani, SB. Surgical outcomes of robot-assisted partial nephrectomy. *British Journal of Urology International*, 2011;108:955-961
- Sundaram, V, Figenshau, RS, Roytman, TM, Kibel, AS, Grubb, RL 3rd, Bullock, A, Benway, BM, Bhayani, SB. Positive margin during partial nephrectomy: does cancer remain in the renal remnant? *Urology*, 2011;77:1400-1403
- Benway, BM, Bhayani, SB. Re: Cost comparison of robotic, laparoscopic, and

open partial nephrectomy (from: Mir, SA, Cadeddu, JA, Sleeper, JP, Lotan, Y, J Endourol 2011;25:00-00. Journal of Endourology, 2011;25:1675-1676

- Benway, BM, Cabello, JM, Desai, AC, Figenshau, RS, and Bhayani, SB. Renal tumor models: evaluation of ease of implementation, quality of composition, and imaging characteristics. Journal of Endourology, 2011;25:499-503
- Benway, BM, Cabello, JM, Figenshau, RS, and Bhayani, SB. Sliding-clip renorrhaphy provides superior closing tension during robot-assisted partial nephrectomy. Journal of Endourology, 2010;24:605-608
- Desai, AC, Jain, S, Benway, BM, Grubb, RL, Picus, D, and Figenshau, RS. Splenic injury during percutaneous nephrolithotomy: a case report with novel management technique. Journal of Endourology, 2010;24:541-545
- Benway, BM, Bhayani, SB, Rogers, CG, Porter, JR, Buffi, NM, Figenshau, RS, and Mottrie, A. Robot-assisted partial nephrectomy: an international experience. European Urology, 2010;57:815-820
- Ficarra, V, Benway, BM, Bhayani, SB, Rogers, CG, Porter, JR, Guazzoni, G, Buffi, N, and Mottrie, A. Reply from authors re: Ricardo Brandina, Inderbir S. Gill. Robotic partial nephrectomy: new beginnings. European Urology, 2010;58:53-56
- Benway, BM and Bhayani, SB. Robot-assisted partial nephrectomy: evolution and recent advances. Current Opinion in Urology, 2010;20:119-124
- Haseebuddin, M, Benway, BM, and Bhayani, SB. Robot-Assisted Partial Nephrectomy: Evaluation of Learning Curve for an Experienced Renal Surgeon. Journal of Endourology, 2010;24:57-61
- Cabello, JM, Bhayani, SB, Figenshau, RS, and Benway, BM. Camera and Trocar Placement for Robot-Assisted Radical and Partial Nephrectomy: Which Configuration Provides Optimal Visualization and Instrument Mobility? Journal of Robotic Surgery 2009;3:155-159
- Gautam, G, Benway, BM, Bhayani, SB, and Zorn, KC. Robot-assisted Partial Nephrectomy: Current Perspectives and Future Prospects. Urology 2009;74:735-740
- Benway, BM, Rogers, CG, Dulabon, L, Bhayani, SB, Patel, M, Lipkin, M, Wang, AJ, and Stifelman, MD. Robot Assisted partial nephrectomy versus laparoscopic partial nephrectomy: a multi-institutional analysis of perioperative outcomes. Journal of Urology 2009;182:866-872
- Benway, BM, Kalidas, P, Cabello, JM, and Bhayani, SB. Does citation analysis reveal an association between the h-index and academic rank in Urology? Urology, 2009;74:30-33
- Benway, BM, Baca, G, Bhayani, SB, Das, NA, Katz, MD, Diaz, DL, Maxwell, KL, Badawan, KH, Talcott, MR, Liapis, H, Cabello, JM, Venkatesh, R, and Figenshau, RS. Selective versus non-selective arterial clamping during laparoscopic partial nephrectomy: impact upon renal function in the setting of a solitary kidney in a porcine model. Journal of Endourology 2009;23:1127-1133
- Cabello, JM, Benway, BM, and Bhayani, SB. Robotic-assisted partial nephrectomy: surgical technique using the 3-arm approach and sliding-clip renorrhaphy. International Brazilian Journal of Urology 2009;35:199-204
- Benway, BM, Diaz, D, Katz, M, Vardi, I, Chavla, N, Desai, A, Badwan, K, Maxwell, K, Baca, G, Humphrey, P, Bhayani, SB, and Figenshau, RS. Open versus laparoscopic retroperitoneal lymph node dissection: assessing adequacy of dissection in a porcine model. Journal of Endourology 2009;23:485-488
- Benway, BM, Wang, AJ, Cabello, JM, and Bhayani, SB. Robotic partial nephrectomy with sliding-clip renorrhaphy: technique and outcomes. European Urology 2009;55:592-599
- Benway, BM, Wang, AJ, Cabello, JM, and Bhayani, SB. Reply to Ben Challacombe, Anthony Costello and Dinesh Agarwal's Letter to the Editor re: Brian M. Benway, Agnes J. Wang, Jose M. Cabello, and Sam B. Bhayani. Robotic Partial

Nephrectomy with Sliding-Clip Renorrhaphy: Technique and Outcomes. *Eur Urol* 2009;55:592-9. *European Urology* 2009;55:485-488

- Benway, BM, and Bhayani, SB. Approach to the small renal mass: weighing treatment options. *Current Urology Reports*. 2009;10:11-16
- Shapiro, E, Benway, BM, Wang AJ, and Bhayani, SB. The Role of Nephron-Sparing Robotic Surgery in the Management of Renal Malignancy. *Current Opinion in Urology*, 2009;19(1):76-80
- Benway, BM, and Nakada, SY. Balloon dilation of nephrostomy tracts. *Journal of Endourology*. 2008;22(9):1875-1876
- Benway, BM, and Nakada, SY. Rebuttal. *Journal of Endourology*. 2008;22(9):1885-1886
- Benway, BM, and Moon, TD. Bacterial prostatitis. *Urologic Clinics of North America*. 2008;35(1):23-32
- Benway, B, and Slaughenhaupt, B. Robert Lich, Jr., M.D.: innovator in pediatric and adult urology. *Journal of Urology*. 2007;177(3):845-848
- Bhayani, SB, Figenschau, RS, Kibel, AS, and Benway, BM. Predicting ischemic time during robot-assisted partial nephrectomy: an external validation of the nephrometry score. *In preparation*.
- Desai, AC, Benway, BM, Venkatesh, R, Figenschau, RS, Chen, C, and Bhayani, SB. Identifying risk factors for perioperative complications associated with percutaneous nephrolithotomy. *Under Review*.
- Rensing, A, Benway, BM, Gunn, K, Roytman, TM, Bhayani, SB, Figenschau, RS. Minimally-invasive surgical management of posterior upper pole renal masses. *Videourology, under review*
- Heningburg, AM, Desai, AC, Paradis, AG, Vetter, J, Kuxhausen, AN, McIntosh, L, Juehne, A, Andriole, GL, Benway, BM. Nutritional intake assessment in patients with urolithiasis: a decision impact analysis. *Under review*.
- Potretzke, AM, Brockman, JA, Larson, JA, Vetter, J, Figenschau, RS, Bhayani, SB, Benway, BM. The role of the assistant during robot-assisted partial nephrectomy: does experience matter? *Under review*
- Potretzke, AM, Mohapatra, A, Benway, BM. Transmesenteric robot-assisted pyeloplasty in adults with horseshoe kidney: illustration of technique. *Under review*.

Textbook Chapters

- Benway, BM, and Bhayani, SB. Lower Urinary Tract Calculi. In: Wein, AJ, Kavoussi, LR, Novick, AC, Partin, AW, Peters, CA, Eds. *Campbell-Walsh Urology*, 11th Edition. Philadelphia: Elsevier, *in press*
- Mobley, JM, Benway, BM. Robot-Assisted Partial Nephrectomy. In: Best, SL, Nakada, SY, Eds. *Minimally-Invasive Urology*. New York/Heidelberg: Springer, 2015
- Benway, BM, and Bhayani, SB. Lower Urinary Tract Calculi. In: Wein, AJ, Kavoussi, LR, Novick, AC, Partin, AW, Peters, CA, Eds. *Campbell-Walsh Urology*, 10th Edition. Philadelphia, Elsevier, 2011.
- Benway, BM, and Bhayani, SB. Lower Urinary Tract Calculi. In: McDougal, WS, Wien, AJ, Kavoussi, LR, Novick, AC, Partin, AW, Peters, CA, Ramchandani, P, Eds. *Campbell-Walsh Urology Tenth Edition Review*. Philadelphia: Elsevier, 2011.
- Benway, BM, Mottrie, A, and Bhayani, SB. Robot-assisted partial nephrectomy. In: Patel, V, Ed. *Robotic Urologic Surgery*, 2nd Edition. London: Springer-Verlag, 2012

- Benway, BM, Pinto, PA, and Bhayani, SB. Robot-assisted partial nephrectomy: improving clinical and oncologic outcomes. In: Patel, V, Ed. *Robotic Urologic Surgery*, 2nd Edition. London: Springer-Verlag, 2012
- Benway, BM, Figenshau, RS, and Bhayani, SB. Robot-assisted partial nephrectomy. In: Hemal, AK, Menon, M, Eds. *Robotics in Genitourinary Surgery*. London: Springer-Verlag, 2011.
- Benway, BM and Andriole, GL. Prostate Biopsy. *Up-To-Date. Presently online.*
- Benway, BM, Figenshau, RS, and Andriole, GL. Renal Pelvic Tumors. In: Gomela, LG (Ed.) *5-Minute Urology Consult*. 2nd ed. Philadelphia, Lippincott, Williams & Wilkins, 2010
- Benway, BM, Cabello, JM, and Bhayani, SB. Robot-assisted partial nephrectomy: illustration of technique. *Roswell Park Video Manual of Robotic Surgery*. June 2010.
- Benway, BM. Commentary. *Yearbook of Urology 2010*. Andriole, GL, Coplen, DE (Eds.). Philadelphia: Elsevier, 2010
- Benway, BM. Commentary. *Yearbook of Urology 2009*. Andriole, GL, Coplen, DE (Eds.). Philadelphia: Elsevier, 2009
- Benway, BM, Tanagho, YS, Mobley, JM, Bhayani, SB. Robot-assisted partial nephrectomy: complex tumors and evolving techniques. Abaza, R, ed. Title TBA. With publisher.

Posters and Presentations

- Larson, JA, Potretzke, AM, Desai, AC, Benway, BM. Is preoperative antibiotic prophylaxis for high-risk patients necessary before percutaneous nephrolithotomy? A retrospective review of 7 vs 2 vs 0 day therapy. American Urological Association Annual Meeting, New Orleans, LA, 2015
- Brockman, JA, Potretzke, AM, Larson, JA, Vetter, J, Figenshau, RS, Bhayani, SB, Benway, BM. The role of the assistant during robot-assisted partial nephrectomy: does experience matter? American Urological Association Annual Meeting, New Orleans, LA, 2015
- Heningburg, AH, Desai, AC, Paradis, AG, Vetter, J, Kuxhausen, AN, McIntosh, L, Juehne, A, Andriole, GL, Benway, BM. Nutritional intake assessment in patients with urolithiasis: a decision impact analysis. American Urological Association Annual Meeting, New Orleans, LA, 2015
- Mobley, JM, Vemana, G, Andriole, GL, Figenshau, RS, Strother, M, Benway, BM. In-vivo evaluation of a reverse thermosensitive polymer for ureteroscopy with laser lithotripsy: porcine model. American Urological Association Annual Meeting, Orlando, FL, 2014
- Song, JB, Tanagho, YS, Haseebuddin, M, Benway, BM, Desai, AC, Bhayani, SB, Figenshau, RS. Endoscopic management of genitourinary foreign bodies. 31st World Congress of Endourology, New Orleans, LA, 2013
- Mobley, JM, Vemana, G, Andriole, GL, Figenshau, RS, Strother, M, Benway, BM. In-vivo evaluation of a reverse thermosensitive polymer for ureteroscopy with laser lithotripsy: porcine model. 31st World Congress of Endourology, New Orleans, LA, 2013
- Johnson, MH, Mobley, JM, Bhayani, SB, Benway, BM. Citation analysis: does institutional h-index correlate with a program's rank in urology? 31st World Congress of Endourology, New Orleans, LA, 2013
- Benway, BM, McIntosh, LD, Black, L, Morley, J, Long, S, Carter, P, Jones, E, Paradis, A, Bullock, AD, Andriole, GL. Electronic data collection for patient-

reported outcomes in men with prostate cancer: assessing ease of use and patient satisfaction. 31st World Congress of Endourology, New Orleans, LA, 2013

- Mobley, JM, Benway, BM. Topical trends in urologic literature 2000-2010: a bibliometric analysis. AUA South Central Section Annual Meeting, Chicago, IL, 2013
- Tanagho, YS, Roytman, TM, Bhayani, SB, Kim, EH, Benway, BM, Gardner, MW, Figenschau, RS. Laparoscopic cryoablation of renal masses: single-center long-term experience. American Urological Association Annual Meeting, Atlanta, GA, 2012
- Benway, BM, Paradis, A, Madison, K, Tanagho, YS, Sandhu, GS, Andriole, GL. 2D vs. 3D visualization: impact upon laparoscopic proficiency using the fundamentals of laparoscopic surgery skill set. Podium presentation, American Urological Association Annual Meeting, Atlanta, GA, 2012
- Haseebuddin, M, Tanagho, YS, Millar, M, Roytman, TM, Benway, BM, Bhayani, SB, Clayman, RV, Figenschau, RS. Long-term impact of laparoscopic cyst decortications in autosomal dominant polycystic kidney disease on renal function, hypertension, and pain control. 29th World Congress of Endourology, Kyoto, Japan, 2011
- Benway, BM, Kim, EH, Lake, BM, Bhayani, SB, Figenschau, RS. Nephron-sparing surgery for pT3b renal cell carcinoma in patients with a solitary kidney. 29th World Congress of Endourology, Kyoto, Japan, 2011
- Benway, BM, Okunbor, O, Figenschau, RS, Bhayani, SB, Desai, AC. Ten years of shockwave lithotripsy: the Washington University Experience 1999-2009. 29th World Congress of Endourology, Kyoto, Japan, 2011
- Benway, BM, Okunbor, O, Figenschau, RS, Bhayani, SB, Desai, AC. Comparison of efficacy between first- and fourth-generation lithotripters in the modern era: a Washington University update. 29th World Congress of Endourology, Kyoto, Japan, 2011
- Vaughn, NP, Kim, EH, Lake, BM, Benway, BM, Bhayani, SB, Narra, AR, Figenschau, RS. Robot-assisted partial nephrectomy of eight renal masses with no ischemia time. 29th World Congress of Endourology, Kyoto, Japan, 2011
- Vaughn, NP, Desai, AC, Lake, BM, Benway, BM, Bhayani, SB, Figenschau, RS. Retroperitoneal robot-assisted nephrolithotomy. 29th World Congress of Endourology, Kyoto, Japan, 2011
- Benway, BM, Roytman, TM, Figenschau, RS, Bhayani, SB, Desai, AC. Shockwave lithotripsy: is its current efficacy overestimated? An investigation of success and retreatment for both first- and fourth-generation lithotripters. American Urological Association South Central Section Annual Meeting, 2011
- Rensing, A, Gunn, K, Roytman, TM, Benway, BM, Bhayani, SB, Figenschau, RS. Minimally-invasive surgical management of posterior upper pole renal masses. American Urological Association South Central Section Annual Meeting, 2011
- Das, S, Gunn, K, Roytman, TM, Benway, BM, Bhayani, SB, Figenschau, RS. Robotic excision of bladder leiomyoma. American Urological Association South Central Section Annual Meeting, 2011
- Benway, BM, Roytman, TM, Figenschau, RS, Bhayani, SB, Desai, AC. Shockwave lithotripsy: is its current efficacy overestimated? An investigation of success and retreatment for both first- and fourth-generation lithotripters. American Urological Association Annual Meeting, Washington, DC, 2011
- Rensing, A, Roytman, TM, Figenschau, RS, Benway, BM, Kibel, AS, Bullock, AD, Grubb III, RL, Bhayani, SB. Undertreatment of PT1a renal lesions in African-American patients with nephron-sparing surgery. American Urological Association Annual Meeting, Washington, DC, 2011
- Figenschau, RS, Bhayani, SB, Benway, BM, Roytman, TM. Robotic assisted laparoscopic nephroureterectomy. Video submission. 28th World Congress of

Endourology, Chicago, IL, 2010

- Thom, M, Chen, C, Haseebuddin, M, Roytman, TM, Benway, BM, Bhayani, SB, Figenshau, RS. Robotic-assisted pyeloplasty: outcomes for primary and secondary repairs. A single-institution experience. 28th World Congress of Endourology, Chicago, IL, 2010
- Benway, BM, Desai, AC, Figenshau, RS, Roytman, TM, Bhayani, SB. Complications following percutaneous nephrolithotomy: identification of risk factors. 28th World Congress of Endourology, Chicago, IL, 2010
- Roytman, TM, Gardner, M, Chen, C, Benway, BM, Brandes, SB, Kibel, AS, Grubb, RL, Bhayani, SB, Landman, J, Skolarus, TA, Figenshau, RS. Laparoscopic retroperitoneal lymph node dissection for low-stage cancer: A Washington University update. 28th World Congress of Endourology, Chicago, IL, 2010
- Roytman, TM, Benway, BM, Figenshau, RS, Bhayani, SB. Comparison of PADUA, R.E.N.A.L., and C-index nephrometry scoring systems. 28th World Congress of Endourology, Chicago, IL, 2010
- Benway, BM, Venkatesh, R, Chen, C, Das, NA, Roytman, TM, Bhayani, SB, Figenshau, RS, and Desai, AC. Shockwave lithotripsy: comparative analysis of safety and efficacy between first- and fourth-generation lithotripters. Podium presentation. American Urological Association Annual Meeting, San Francisco, CA, 2010.
- Benway, BM, Desai, AC, Figenshau, RS, Roytman, TM, and Bhayani, SB. Peer-reviewed journals in urology: assessing quality and impact through alternative bibliometric indices. Moderated poster. American Urological Association Annual Meeting, San Francisco, CA, 2010.
- Benway, BM, Landman, J, Gardner, M, Chen, C, Bhayani, SB, and Figenshau, RS. Intermediate-term outcomes of renal cryoablation: The Washington University experience. 27th World Congress of Endourology, Munich, Germany, 2009
- Benway, BM, Bhayani, SB, and Figenshau, RS. Selective segmental arterial clamping for robot-assisted partial nephrectomy: illustration of technique. 27th World Congress of Endourology, Munich, Germany, 2009
- Benway, BM, Figenshau, RS, and Bhayani, SB. Single-incision robotic surgery (SIRS) for radical nephrectomy: illustration of technique. 27th World Congress of Endourology, Munich, Germany, 2009
- Wang, AJ, Figenshau, RS, Benway, BM, and Bhayani, SB. T1b partial nephrectomy: robotic approach with the Washington University technique. 27th World Congress of Endourology, Munich, Germany, 2009
- Benway, BM, Cabello, JM, and Bhayani, SB. Laparoscopic partial vs. radical nephrectomy: comparison of long-term functional outcomes. 27th World Congress of Endourology, Munich, Germany, 2009
- Figenshau, RS, Roytman, T, Benway, BM, Desai, AC, Christensen, T, and Gardner, M. Robotic-assisted pyelolithotomy. 27th World Congress of Endourology, Munich, Germany, 2009
- Benway, BM, Cabello, JM, Figenshau, RS, and Bhayani, SB. Laparoscopic and Robot-Assisted Partial vs. Radical Nephrectomy: Comparison of Long-Term Functional Outcomes for T1a Lesions. ERUS 2009, Padua, Italy
- Benway, BM, Bhayani, SB, and Figenshau, RS. Selective Segmental Arterial Clamping for Robot-Assisted Partial Nephrectomy: Illustration of Technique. ERUS 2009, Padua, Italy
- Benway, BM, Figenshau, RS, and Bhayani, SB. Single-Incision Robotic Surgery (SIRS) for Radical Nephrectomy: Illustration of Technique. ERUS 2009, Padua, Italy
- Benway, BM. Urolithiasis made less painful (at least for you). Grand Rounds, Division of Urologic Surgery, Washington University School of Medicine, 2009
- Benway, BM, Cabello, JM, Bhayani, SB, and Figenshau, RS. Arterial clamping with

the 4th arm during robotic partial nephrectomy. Video presentation. American Urological Association Annual Meeting, Chicago, IL, 2009

- Wang, AJ, Rogers, CG, Dulabon, LM, Bhayani, SB, Patel, MN, Lipkin, ME, Benway, BM, Stifelman, MD. A multi-institutional comparison of robotic partial nephrectomy and laparoscopic partial nephrectomy. American Urological Association Annual Meeting, Chicago, IL, 2009
- Bhayani, SB, and Benway, BM. Robotic renal surgery: current status. Plenary session, International Robotic Urology Symposium, Las Vegas, NV, 2009
- Benway, BM, Wang, AJ, and Bhayani, SB. Single-incision robotic surgery (SIRS) for radical nephrectomy: illustration of technique. International Robotic Urology Symposium, Las Vegas, NV
- Cabello, JM, Benway, BM, and Bhayani, SB. Optics and camera configurations for robotic renal surgery: which approach is best? International Robotic Urology Symposium, Las Vegas, NV, 2009
- Benway, BM, Haseebuddin, M, Cabello, J, Bhayani, SB. Robotic partial nephrectomy has a short learning curve. International Robotic Urology Symposium, Las Vegas, NV, 2009
- Benway, BM, Cabello, JM, and Bhayani, SB. Sliding-clip renorrhaphy for robotic partial nephrectomy offers superior closing tension. International Robotic Urology Symposium, Las Vegas, NV, 2009
- Benway, BM, Wang, AJ, Cabello, JM, and Bhayani, SB. Sliding-clip renorrhaphy for robotic partial nephrectomy contributes to significantly shorter warm ischemia times. International Robotic Urology Symposium, Las Vegas, NV, 2009
- Benway, BM, Cabello, JM, Figenshau, RS, and Bhayani, SB. Sliding-clip renorrhaphy for robotic partial nephrectomy: illustration of technique. International Robotic Urology Symposium, Las Vegas, NV, 2009
- Benway, BM, Cabello, JM, Figenshau, RS, and Bhayani, SB. The Washington University technique for renorrhaphy utilizing sliding Weck clips provides superior closing tension during robotic partial nephrectomy. World Congress of Endourology Annual Meeting, Shanghai, China, 2008
- Benway, BM, Cabello, JM, Figenshau, RS, and Bhayani, SB. The Washington University technique for renorrhaphy during robotic partial nephrectomy. Video submission. World Congress of Endourology Annual Meeting, Shanghai, China, 2008
- Cabello, JM, Benway, BM, Das, NA, Baca, G, Tawfik, AM, and Bhayani, SB. Qualitative and imaging characteristics of renal mass models utilizing injectable compounds. World Congress of Endourology Annual Meeting, Shanghai, China, 2008
- Wang, AJ, Benway, BM, and Bhayani, SB. Robotic partial nephrectomy versus laparoscopic partial nephrectomy for renal cell carcinoma: a single-surgeon analysis of over 100 consecutive procedures. World Congress of Endourology Annual Meeting, Shanghai, China, 2008
- Cabello, JM, Benway, BM, and Bhayani, SB. Robotic-assisted partial nephrectomy: surgical technique using the 3-arm approach and the Washington University renorrhaphy. Video submission. World Congress of Endourology Annual Meeting, Shanghai, China, 2008
- Kalidas, P, Benway, BM, Cabello, JM, and Bhayani, SB. The *b*-index predicts academic standing at the top academic urology programs in the United States. World Congress of Endourology Annual Meeting, Shanghai, China, 2008
- Benway, BM, and Paolone, DR. Renal cell carcinoma in the young population. Wisconsin Urological Society Annual Meeting, Madison, WI, 2007
- Benway, B, and Bushman, W. Successful transvaginal repair of neobladder-vaginal fistulae: a case report. Wisconsin Urological Society Annual Meeting, Milwaukee,

WI, 2006

- Benway, B. and Kryger, J. Reoperative hypospadias repairs with vascularized flaps are highly successful. Wisconsin Urological Society Annual Meeting, Lake Geneva, WI, 2005
- Herndon, CDA, Casale, AJ, Benway, B. Kaefer, M, Cain, MP, Rink, RC. Long-term renal function in patients with posterior urethral valves. American Urological Association Annual Meeting, San Francisco, 2004.
- Herndon, CDA, Casale, AJ, Benway, B. Kaefer, M, Cain, MP, Rink, RC. Continence in posterior urethral valve patients after 15 years. American Urological Association Annual Meeting, Chicago, 2003; North Central Section of the AUA Annual Meeting, Vancouver, BC, 2003; EPSU Annual Meeting, Regensburg, Germany, 2004.

Invited Lectures and Speaking Engagements

- Benway, BM. Staghorn Calculi. Washington University Division of Urologic Surgery Grand Rounds, 2014.
- Benway, BM. Urolithiasis. Washington University Division of Urologic Surgery Grand Rounds, 2013.
- Benway, BM. Kidney Cancer Update. Anderson Hospital Medical Staff Update, Maryville, IL, 2011
- Benway, BM. Cryoablation: Physiology and patient selection. Midwest Stone Institute Cryoablation seminar, St. Louis, MO, 2011.
- Benway, BM. AUA 2011 Highlights: Stone Disease. Washington University AUA Annual Review Course, 2011
- Benway, BM. Prostate cancer screening. With Louie Seiberlich, KREI Radio, Farmington, MO
- Benway, BM. Robotic surgery for the lower urinary tract. Marilyn Fixman Cancer Conference, Saint Louis, MO, September, 2010
- Benway, BM. Urolithiasis made less painful (at least for you). CME talk for medical staff, Parkland Health Center, Farmington, MO, September, 2010
- Benway, BM. Laser physics, physiology, and safety. Laser Ablation for Benign Prostatic Hyperplasia (BPH) Utilizing Holmium and Photoselective Vaporization of Prostate (PVP) Lasers. Midwest Stone Institute and Washington University School of Medicine office of Continuing Medical Education, 2009
- Panelist: Stand Up and Stand Out Against Prostate Cancer community meeting. East Side Health District, East St. Louis, IL, 2009.
- Benway, BM. Adrenal disease. Grand Rounds, Division of Urology, University of Wisconsin, 2008
- Benway, BM. Lower urinary tract trauma. Grand Rounds, Division of Urology, University of Wisconsin, 2008

Research: Past Projects

- Cryoablation of the prostate: canine model

- Performed two years of laboratory and animal research as an undergraduate in the field of visual systems neuroscience under the guidance of Charles G. Gross, Ph.D., Professor of Psychology, Princeton University.
- Research focused on “blindsight,” more specifically, higher-order visual areas which retain unconscious visual acuity after lesions of primary visual cortex. Studied perceptual properties of neurons in area MT in the macaque, as well as changes in the neural architecture of area MT in response to primary visual cortex lesions.
- Successfully modified an existing technique in order to amplify cytochrome oxidase staining in long-preserved neural tissue.
- Senior Thesis: “Alterations of the Middle Temporal Extrastriate Visual Area Following Long-Standing Lesions of Primary Visual Cortex in Macaques.”
- Junior Papers: “Blind to the Experiment? An Investigation of the Properties, Mechanisms, and Experiments Relating to Human Blindsight.”

“Visuocortical Dynamics: An Exploration of Adult Plasticity”

AWARDS, PROFESSIONAL ACTIVITIES, LEADERSHIP, AND ORGANIZATIONS

- American Urological Association, Member (2006-present)
- Endourological Society, Member (2007-present)
- Midwest Lithotripsy, Board Member (2013-2015)
- Executive Planning Committee, Midwest Stone Institute (2014-2015)
- Surgical Services Committee, Barnes-Jewish Hospital, Member (2013-2015)
- Surgical Services Committee, St. Louis VA Medical Center, John Cochran Division (2013-2015)
- Section editor: Minimally-invasive surgery, renal cell carcinoma, stone disease, *Yearbook of Urology*
- Peer reviewer: Journal of Urology, Urology, Urologic Oncology, British Journal of Urology International, Journal of Endourology, Academic Psychiatry, Yonsei Medical Journal, BMC Urology
- Grant reviewer: Singapore National Medical Research Council
- Live surgical demonstration: robot-assisted partial nephrectomy. Assisting Dr. Sam Bhayani. Robotic Urology Symposium, Malmö, Sweden, 2011
- International Guest Faculty and Live surgical demonstration: robot-assisted partial nephrectomy. Assisting Dr. Sam Bhayani. Istanbul Robotic Urology Symposium, Istanbul, Turkey, 2010.
- International Guest Faculty and Live surgical demonstration: robot-assisted partial nephrectomy. Assisting Dr. Sam Bhayani. The Chinese University of Hong Kong Urology Symposium 2009, Shatin, Hong Kong, 2009.
- Live surgical demonstration: robot-assisted partial nephrectomy. Assisting Dr. Sam Bhayani. Yonsei daVinci LIVE 2009, Yonsei University, Seoul, South Korea, July 2009.
- Live surgical demonstration: robot-assisted partial nephrectomy. Assisting Dr. Sam Bhayani. ERUS 2009, Padua, Italy.

- Featured story: “Advantages seen with robot-assisted nephrectomy for renal tumors.” Reuters: thedoctorschannel.com Daily Newscast, 9/9/09.
- ERUS 2009, Top 3 Abstract. For: Benway, BM, Cabello, JM, Figenshau, RS, and Bhayani, SB. Laparoscopic and Robot-Assisted Partial vs. Radical Nephrectomy: Comparison of Long-Term Functional Outcomes for T1a Lesions.
- IRUS 2009 scholarship award for video submission entitled “Single-incision robotic surgery (SIRS) for radical nephrectomy: illustration of technique.”
- University of Wisconsin Housestaff Association (2003-2008)
- Hammond Clinic Scholarship (2002)
- Alumni Schools Committee of Princeton University, Admission Candidate Interviewer
 - Princeton Club of Wisconsin, Central Wisconsin Region (2003-2007)
 - Princeton Club of Chicago, Northwest Indiana Region (1999-2001)
- American Medical Association, Member, Medical Student Section (1999-2003)
 - Portrayed “The Extinguisher,” the AMA’s Anti-Smoking Superhero; spoke at convocations at numerous Gary-area elementary schools (2001)
- Indiana University School of Medicine, Medical Student Council, Northwest Center Student Representative (1999-2001)
- Princeton University Players Graduate Board, Board Member (1999-2003)
- Princeton University Players Undergraduate Board, Vice-President (1997-1998), Publicity Director (1996-1997), Newsletter Author (1995-1996)
- Princeton Tower Club, Undergraduate Member (1997-1999)

PREVIOUS EMPLOYMENT

2001-2003 **Henry County Memorial Hospital** New Castle, IN

Emergency Department Extern

- Duties included independent examination and assessment of patients, as well as formulation and initiation of treatment plans under the supervision of Emergency Department staff physicians

Summer 2000 **St. Anthony Medical Center** Crown Point, IN

Extern

- Rotated through all areas of the hospital, working alongside staff physicians to gain an appreciation for the various medical specialties.

Summers 1996-1999 **Valparaiso Community Schools** Valparaiso, IN

Intern, Office of Information Systems and Instructional Technology

- Responsibilities included district-wide installation and configuration of computer systems and software, network setup, web design, troubleshooting, and end-user maintenance, support, and education

INTERESTS AND ACTIVITIES

- Interests include playing pinball competitively (ranked in the top 4% of players worldwide), collecting and repairing pinball machines, hockey, computers and consumer electronics, film, comedy, video games, trivia, and theater.
- Commissioner — The Silver Ballroom Pinball League, St. Louis Area Pinball, International Flipper Pinball Association (2012-2014) – ran several seasons consisting of weekly meets and playoffs. Helped to grow the Silver Ballroom location into one of the largest competitive pinball leagues in the world, with over 50 active players each season.
- Tournament Director – The Silver Ballroom, St. Louis Area Pinball, International Flipper Pinball Association (2012-2015) – responsible for organizing annual sanctioned pinball tournament at The Silver Ballroom, as well as several charity tournaments throughout the year, which draw players from around the country.
- Video game critique: Distinguished Community Contributor, Gamespot.com (2005-2008), and Guest Reviewer, TotalGamerZone.com (2006)
- IUPUI StageCrafters, performer, 1 production (2002)
- Cast Member, Problem-Based Learning Informational Video, produced by The Northwest Center for Medical Education, Indiana University School of Medicine (2000)
- Interview Subject, *The Budget Gourmet*, a short film by John Mullin, University of Iowa (1999)
- Princeton University Players (musical theater), performer, 12 productions, producer 8 productions (1995-1999)
- Princeton University Program in Theatre and Dance, performer, 2 productions (1999)
- Princeton Triangle Club (original musical comedy), performer, 5 productions, including one national tour (1996-1998)
- Theatre-Intime (non-musical theatre), Princeton University, performer, 1 production, co-producer, 2 productions (1997-1998)
- Princeton Shakespeare Company, performer, 1 production (1998)
- Campbell Street Players Summer Theatre, performer, 3 productions, co-director 1 production (1995)
- Community Theatre Guild, Valparaiso, IN, performer, 2 productions (1993-1994)
- Valparaiso High School Drama Club, performer, 10 productions (1991-1995)
- Co-host, “The Krull & Shaggy Show,” WVUR 95.1 FM, Valparaiso University, Valparaiso, IN (1992-1994)