

CURRICULUM VITAE

Dix Phillip Poppas, M.D., F.A.C.S., F.A.A.P.

A. GENERAL INFORMATION

Office address: Institute for Pediatric Urology
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Citizenship: U.S.A.

B. EDUCATIONAL BACKGROUND

<i>Degree</i>	<i>Institution name, city and state</i>	<i>Dates attended</i>	<i>Year Awarded</i>
H.S. Diploma	J.R. Tucker High School Richmond, V.A.	1972-1976	1976
	Longwood College Farmville, VA.	1978-1980	
B.S. Biology (Honors) Minor Chemistry	Virginia Commonwealth University Richmond, VA	1980-1982	1982
Paramedic Degree	Medical College of Virginia	1983-1984	1984
M.D.	Eastern Virginia Medical School Norfolk, VA	1984-1988	1988
Non degree program	Health Care Executive Management Program, Leonard Davis Institute of Health Economics, The Wharton School, University of Pennsylvania	2002	Certificate of completion 2002

Non degree program	Advanced Executive Management Program, Leonard Davis Institute of Health Economics, The Wharton School, University of Pennsylvania	2003	Certificate of completion 2003
Non degree program	The Wharton Executive Management Program for Academic Surgery Leaders. Leonard Davis Institute of Health Care Economics, The Wharton School, University of Pennsylvania	2005	Certificate of completion 2005

C. PROFESSIONAL POSITIONS AND EMPLOYMENT

Post-doctoral training including residency/fellowship

<i>Title</i>	<i>Institution name, city and state</i>	<i>Dates</i>
Intern in General Surgery	Eastern Virginia Graduate School of Medicine, Norfolk, VA	7/88 to 6/89
Resident in General Surgery	Eastern Virginia Graduate School of Medicine Norfolk, VA	7/89 to 6/90
Assistant Urologist (Resident)	New York Hospital, New York, NY	7/90 to 6/93
Urologist (Chief Resident)	New York Hospital, New York, NY	7/93 to 6/94
Fellow-in-Pediatric Urology (Surgery)	Children's Hospital-Harvard Medical School	7/94 to 6/96

Academic positions (teaching and research)

<i>Title</i>	<i>Institution name, city and state</i>	<i>Dates</i>
Visiting Fellow in Urology	Cornell University Medical Center, New York	7/94 to 6/96
Assistant Professor of Urology	Cornell University Medical Center, New York	7/96 to 11/01
The Richard Rodgers Family Assistant Professor of Pediatric Urology	Weill Medical College of Cornell University, New York, NY	1/97 to 11/01
Assistant Professor of Urology in Surgery (Plastic and Reconstructive Surgery)	Weill Medical College of Cornell University, New York, NY	10/97 to 6/04

Assistant Professor of Urology in Pediatrics (Department of Pediatrics)	Weill Medical College of Cornell University, New York, NY	4/99 to 11/01
Associate Professor of Urology	Weill Medical College of Cornell University, New York, NY	12/01 to 6/06
Associate Professor of Urology in Pediatrics (Department of Pediatrics)	Weill Medical College of Cornell University, New York, NY	12/01 to 6/06
The Richard Rodgers Family Associate Professor of Pediatric Urology	Weill Medical College of Cornell University, New York, NY	12/01 to 6/06
Associate Professor of Urology in Surgery (Plastic and Reconstructive Surgery)	Weill Medical College of Cornell University, New York, NY	7/04 to 6/06
Associate Professor of Urology in Obstetrics and Gynecology (Department of Obstetrics and Gynecology)	Weill Medical College of Cornell University, New York, NY	7/04 to 6/06
Professor of Urology (with tenure)	Weill Medical College of Cornell University, New York, NY	6/06 to present
Professor of Urology in Pediatrics (Department of Pediatrics)	Weill Medical College of Cornell University, New York, NY	6/06 to present
The Richard Rodgers Family Professor of Pediatric Urology	Weill Medical College of Cornell University, New York, NY	6/06 to present
Professor of Urology in Surgery (Plastic and Reconstructive Surgery)	Weill Medical College of Cornell University, New York, NY	6/06 to present
Professor of Urology in Obstetrics and Gynecology (Department of Obstetrics and Gynecology)	Weill Medical College of Cornell University, New York, NY	6/06 to present

Hospital Positions

<i>Title</i>	<i>Institution name, city and state</i>	<i>Dates</i>
Assistant Attending Urologist	New York Presbyterian Hospital	7/96 to 11/01
Associate Attending Urologist	New York Presbyterian Hospital	12/01 to 5/06
Attending Urologist	New York Presbyterian Hospital	6/06 to present

Employment (other than positions listed above)

<i>Title</i>	<i>Institution name, city and state</i>	<i>Dates</i>
Executive Vice President	Promethean Surgical Devices, LLC, East Hartford, CT.	6/00 to present

D. LICENSURE, BOARD CERTIFICATION, MALPRACTICE (if applicable)**Licensure**

<i>State</i>	<i>Number</i>	<i>Date of Issue</i>	<i>Date of last registration</i>
NY	xxxxxxx	May 29, 1996	October 1, 2008

Board Certification

<i>Name of specialty</i>	<i>Board Certificate #</i>	<i>Date of Certification</i>
Urology	xxxxxx	2/28/99
Pediatric Urology	xxxxxx	5/15/2008 (first time offered)

E. PROFESSIONAL MEMBERSHIPS (medical and scientific societies)

<i>Member/officer</i>	<i>Name of Organization</i>	<i>Dates held</i>
Member	Alpha Omega Alpha Honor Medical Society	1988 to present
Member	American Urologic Association	1990 to present
Fellow	American Society for Laser Medicine and Surgery	1989 to 2001
Fellow	American College of Surgeons	1998 to present
Member	Sigma Xi Scientific Research Society	1990 to present
Member	The New York Section American Urological Association	1996 to present
Member	Society for Pediatric Urology	1996 to present
Member	The Hellenic Medical Society of New York	1996 to present
Member	Society for Fetal Urology	1997 to present
Member	The New York Clinical Society	1998 to present
Fellow	American Academy of Pediatrics	1998 to present
Diplomat	American Board of Urology	1999 to present

F. HONORS AND AWARDS

<i>Name of award</i>	<i>Date awarded</i>
American Foundation for Urologic Disease Summer Student Research Scholar	1985
Eastern Virginia Medical School Summer Student Research Scholar	1985 and 1986
Second place award for Best Oral Presentation by a Medical Student, presented at the Eastern Student Research Forum, University of Miami School of Medicine, Miami, Florida.	1987
Third place Mead-Johnson Award for Overall Excellence in Research, presented at the National Student Research Forum, University of Texas Medical Branch, Galveston, Texas.	1987
First place for best research as a surgery resident, presented at the Eastern Virginia Graduate School of Medicine, Resident Research Essay Contest	December 1990
Best Paper, The Society of Genitourinary Reconstructive Surgeons Annual Meeting, Chicago, IL	1992
First place award for Basic Science Research in Pediatric Urology, American Academy of Pediatrics, Section of Urology, Washington, D.C.	October 1993
Best Basic Science Research Paper, Society for University Urology Residents, Lake Tahoe, CA.	April 1994
American Foundation for Urologic Disease/National Kidney Foundation Scholar	1994-1995
The New York Academy of Medicine/Ferdinand C. Valentine Research Fellowship Scholar	1994-1995
Von L. Meyer Fellowship Award, Children's Hospital – Harvard Medical School	1994-1995
Second place award for Basic Science Research Essay, The New England Section, American Urologic Association, Newport, RI.	September 1995
The E. Darracott Vaughan Young Investigator Award, National Kidney Foundation of New York and New Jersey	2001-2002
The Edwin Beer Award of The New York Academy of Medicine	2001-2003
“Top Doctor” in New York Metro Area by Castle Connelly Guide,	2002 -2009

Selected, “Top 100 Minimally Invasive Surgeons” in New York (only pediatric urologist to be listed), New York Magazine	2002 -2003
Top Doctors in America”, Castle Connelly Guide	2003-2009
Who’s Who in America	2001-2008
Who’s Who in Medicine and Healthcare	2006-2007

G. INSTITUTIONAL/HOSPITAL AFFILIATION

Primary Hospital Affiliation: New York Presbyterian Hospital
Weill Medical College of Cornell University

I. CURRENT AND PAST INSTITUTIONAL RESPONSIBILITIES AND PERCENT EFFORT

Teaching (<i>list courses and your role</i>)	Dates
Laparoscopic Surgery Training, Instructor	1990 to 1994
Urology Grand Rounds, Lecturer	1996 to present
Pediatric Urology Resident Education Lectures, Lecturer	1996 to present
Instructing Urology Residents in performing Pediatric Urologic Surgery, Mentor	1996 to present
Pediatric Urology Basic Science Lectures, Lecturer	1996 to present
Teaching Pediatric Urology Clinical and Office Based Practice to Urology Residents and Medical Students	1996 to present
Pediatric Urology Basic Science Research Mentor for medical school, college and high school students and urology residents (<i>see attached list, addendum A</i>)	1996-to present
Hand Assisted Laparoscopic Colon Resection and Spenectomy Course, Instructor	May 1998
Pediatric Urology Elective for Cornell Medical Students, Director	1996 to present
Developed Program for Pediatric Urology and Surgery in the Department of Urology, Weill Medical College for Resident and Medical Student Training	1996- present
Started the Pediatric Urology Summer Student Research Scholarship	1999 to present

Program. This program provides financial support for high school, college and medical students from around the world to work in our lab. Funding for this program has been obtained through grateful patient donations.

Clinical Care	Dates
Developed the clinical program in Pediatric Urology in the Department of Urology (over 750% increase in clinical growth over 9 years)	1996 to present
Responsible for the Pediatric Urology Clinic and patient care, Attending	1996 to present
Responsible for the Pediatric Myelodysplasia Clinic, Attending	1996 to present
Established an internationally recognized referral center for the evaluation and surgical reconstruction of children with ambiguous genitalia. We have assisted more children with congenital adrenal hyperplasia than any other group in the country	1996 to present
Developed the program for Fetal Urology in the Department of Urology and Obstetrics and Gynecology. Assembled a team, including high risk obstetrics and pediatricians to work with families, referring Obstetrician and Pediatricians for the evaluation, diagnosis and treatment of fetuses with in-utero genitourinary anomalies	1998 to present
Developed Program for Pediatric Laparoscopy in Department of Urology and performed the first pediatric laparoscopic nephrectomy in New York	1999 to present
Developed Program for Pediatric Urologic Robotic Surgery in Department of Urology and performed the first robotic pyeloplasty in New York	2001 to present
Organized and implemented the Pediatric Voiding Dysfunction Center to provide focused diagnostic and therapeutic care for children with voiding disorders.	2002 to present
Administrative duties (<i>including committees</i>)	Dates
Director, Pediatric Urology New York Presbyterian Weill Medical College of Cornell University	7/96 to 8/01
Co-director, Pediatric Urology Basic Science Research Laboratory	8/96 to present
Director, Laboratory for Minimally Invasive Urologic Surgery	7/97 to present
Scientific Advisory Committee of the Children's Clinical Research Center	1997 to 2002
Critical Pathways Committee for Management of Childhood Urinary Tract Infections	1997 to 1998
Chief, Pediatric Urology, The New York Hospital Medical Center of Queens	12/98 to 2001

Search Committee for Chief of Pediatric Surgery, New York – Presbyterian Hospital, Babies and Children’s Hospital	1999 to 2000
Medical Advisory Board Member – Children’s Health System	1999 to present
Search Committee for Director of the Minimal Access Surgery Center of Excellence, New York – Presbyterian Hospitals	1999 to 2000
Marketing Committee for Minimal Access Surgery Center of Excellence, New York – Presbyterian Hospitals	1999 to 2000
Postgraduate Education Advisory Committee, Weill Medical College	2000 to 2003
Pediatric Invasive Procedures Committee, Weill Medical College	2000 to present
Chief, Pediatric Urology, Children’s Hospital of New York Presbyterian Weill Medical College of Cornell University	7/01 to present
Oversight Committee for Minimally Access Surgery Center, New York Presbyterian Hospital	2002 to 2004
Search Committee for Chief of Neonatology, Weill Cornell Children’s Hospital	2003 to 2004
Search Committee for Chief of Pediatric Endocrinology	2003 to 2005
Children’s Hospital Technology Planning Committee	2005 to 2006
Institute for Perinatal Health Advisory Committee	2006 to present
PO Finance Committee	2008 to present
Research	Dates
Pediatric Urology Basic Science Research Laboratory Co-director. Directly involved with running research activities, teaching and protocol development. Grant development and fund raising for lab support are significant areas of commitment	1996 to present
Director, Laboratory for Minimally Invasive Urologic Surgery, Responsible for IRB protocol development related to clinical applications for new techniques and instrumentation used in minimally invasive surgery. Design and development of novel approaches for wound closure in urologic surgery.	1996 to present
Research leading to: Laser Tissue Welding Control System, Patent #5,334,191, Inventor: Dix Poppas, M.D.	Issued 8/94
Research leading to: Infrared Laser Tissue Welding Control System, Patent #5,409,481, Inventor: Dix Poppas, M.D.	Issued 4/95

Research leading to: A Modified Solder for Delivery of Bioactive Substances and Methods of use thereof, Patent #5,713,891, Inventor: Dix Poppas, M.D. Issued 2/98

Research leading to: Protein Solder Composition and Method of Use in Gene Therapy, Patent #5,929,044, Inventor: Dix Poppas, M.D. Issued 7/99

Research leading to: Composition for Tissue Welding and Methods of Use, Patent #6,323,037, Inventor: Dix Poppas, M.D. Issued 11/01

PI on IRB Protocol: Human foreskin transplantation into nude rats as a model for evaluating novel wound closure technologies in human skin Currently Active

Co-investigator on IRB Protocol: Follow-up of pregnancies, neonatal, and pediatric outcomes of intracytoplasmic sperm injection and in vitro fertilization of three-year-old infants. PI: Gianpiero D. Palermo, M.D. Currently Active

PI on IRB Protocol: Is nerve density altered in females with congenital adrenal hyperplasia following genital restorative surgery. Currently Active

Co-investigator on IRB Protocol: Does In Vitro Fertilization Increase the Incidence of Hypospadias. PI: Gianpiero D. Palermo, M.D. Currently Active

PI on IRB Protocol: Do patients develop voiding dysfunction following nerve sparing bilateral extravesicle correction of ureteral reflux Currently Active

J. RESEARCH SUPPORT (past and present)

Individual's role in project including percent effort

<i>Source</i>	<i>Amount</i>	<i>Date</i>	<i>Name of Principal Investigator</i>
Laserscope Inc.,	\$15,000	1992	Dix P. Poppas, M.D.
Laserscope Inc.,	\$80,000,	1992	Dix P. Poppas, M.D.
Laserscope Inc.,	\$20,000	1994	Dix P. Poppas, M.D.
Audioperscriptives Foundation (Development of audio device for patient anesthesia)	\$65,000	1995	Dix P. Poppas, M.D.

National Institutes of Health, and Abiomed R&D, Inc (Photothermal tissue fusion for wound repair)	\$99,887	1995	Dix P. Poppas, M.D.	40%
National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK), and Abiomed R&D, Inc. (Design and development of laparoscopic novel instrumentation)	\$56,000	1995	Dix P. Poppas, M.D.	40%
Genzyme Corporation (Evaluation of 1D11 in blocking fibrosis in the obstructed kidney)	\$10,000	1996	Dix P. Poppas, M.D.	25%
National Institutes of Health, and Abiomed R&D, Inc. (Photothermal tissue fusion Infrared control system for wound closure)	\$99,960	1996	Dix P. Poppas, M.D.	40%
Corporate sponsored research grant from Vitex, Inc. (Human Albumen as a tissue solder for photothermal tissue fusion)	\$57,000	12/96 to 10/97	Dix P. Poppas, M.D.	40%
Phase II, SBIR Grant # 1R43-DK49878, National Institutes of Health, and Abiomed R&D, Inc. (Photothermal tissue fusion control system with IR detection)	\$99,000	7/97 to 6/99	Dix P. Poppas, M.D.	40%
Corporate sponsored Research grant from Vitex, Inc (Human blood components for improving wound closure)	\$44,000	9/97 to 3/98	Dix P. Poppas, M.D.	20%
<i>Unrestricted research grant from United States Surgical (Development and support grant for Pediatric Urology Laboratory for Minimally Invasive Surgery, Weill Cornell Campus)</i>	\$1,300,000	7/97 to 6/2002	Dix P. Poppas, M.D.	20%

Corporate sponsored research grant from Vitex, Inc. (Autologous blood use as a biological wound closure material)	\$54,839	5/98 to 9/98	Dix P. Poppas, M.D.	20%
Phase I, SBIR, Grant #1R43GM57698-01, National Institutes of Health and Vitex, Inc (Laparoscopic gastrocystoplasty technique and instrument development)	\$33,309	8/99-12/00	Dix P. Poppas, M.D.	20%
United States Surgical Center of Excellence Research Award (Laparoscopic gastrocystoplasty animal research)	\$40,000	2000 – 2001	Dix P. Poppas, M.D.	20%
NIH RO1-DK5835501A1 (Ureteral Obstruction: TGF-beta and NO Role in Function and Apoptosis) Directly involved in project development, review of data and slides, and supervised the surgical aspects of the project.	\$1,150,000	2001-2005	Co-Investigator PI: Diane Felsen, PhD	20%
Department of Biomedical Engineering (Ithaca campus) and Weill Medical College Seed Grant: Mircor-Nano technology platforms for Urology. Will be directly responsible for clinical design of instrumentation for pediatric urologic applications	\$50,000 (funded)	2005-2006	Co PI PI: David Putnam, PhD	5%
WallaceH.Coulter Foundation Grant (Renewal) Novel Biodegradable Materials to Prevent Postoperative Tissue Adhesions \$250,000 07/07 – 07/08 Awarded Role on Grant: Co-PI				

K. EXTRAMURAL PROFESSIONAL RESPONSIBILITIES

Peer reviewer for Lasers in Surgery and Medicine	1990 to present
Instructor, Basic Laparoscopy Course for The American Urologic Association Executive Committee, Norwalk, Connecticut	March 1991
Instructor, American Urologic Association Course in Basic Laparoscopy, Toronto, Canada	April 1992
Chairman, Section on Urology and Gynecology, 11 th Congress of The International Microsurgical Society, Rhodes, Greece	September 1992
Director, Postgraduate course in laparoscopy, The American Urologic Association Annual Meeting, Washington DC	May 1992
Program Chairman for combined Institutional Symposium on “Technological Advances in Adult and Pediatric Urology” New York Section of the American Urologic Association, New York Academy of Medicine, NY, NY.	December 1992
Program Chairman for New York Section/American Urologic Association Postgraduate Seminar, Advances in Urology – Laser Tissue Welding, NY, NY	March 1993
Co-Chairman, Section on Urology, The Thirteenth Annual Meeting of the American Society for Laser Medicine and Surgery, New Orleans, Louisiana	April 1993
Co-Chairman, National Tissue Welding Symposium “From the Lab to the Clinic”, Boston, Massachusetts	June 1994
Peer reviewer for Journal of Endourology	1994 to present
Co-Chairman, National Kidney Foundation, Panel Discussion: “Management of Pediatric Nephrolithiasis, New York, NY	November 1996
Chairman, Section on Laser Tissue Welding, The 17 th Annual Meeting of the American Society for Laser Medicine and Surgery, Phoenix, Arizona	April 1997
Co-Chairman, XV th Congress of the International Society on Thrombosis and Hemostasis, Florence, Italy	June 1997

Finance Committee Member for the American Society for Lasers in Surgery and Medicine	1997 to 1999
Peer reviewer for Journal of Urology	1997 to present
Peer reviewer for Urology	1997 to present
Peer reviewer for American Journal of Perinatology	1998 to present
Section Director, XV International Congress “ The Fetus as a Patient, Rockefeller University, New York, New York	April 1999
Chairman, Laser Photodynamic Diagnosis and Therapy, 14 th International congress of Laser Medicine and Surgery, Florence, Italy	October 1999
Co-Chairman, The New York Section, American Urologic Association Annual Meeting, Dublin, Ireland	October 1999
Nominating Committee for the Society for Laser Medicine and Surgery	1999 to 2000
Co-Chairman, International Laser Medicine Meeting, Florence, Italy	1999 to 2000
Chairman, 15 th International Congress of Laser Medicine, Florence, Italy	October 2000
Editorial Board – Laser Florence	2000 to 2003
Organizational Committee, Laser Florence: The Renaissance of Art, Science and Friendship, Florence, Italy	2001 to 2002
Co-Chairman, First World Congress on Hormonal and Genetic Basis of Sexual Differentiation, Tempe, Arizona	May 2002
Co-Chairman, The New York Section of The American Urological Association, 100 th Annual Meeting, Barcelona, Spain	October 2002
Editorial Board – Journal of Implantable Biomaterials	2002 to 2006
Scientific and Advisory Board Member, CARES (Congenital Adrenal Hyperplasia Research, Education and Support) Foundation	2002 to present
Grant Selection Committee for the Edwin Beer Award, The New York Academy of Medicine	2008 to present

L. BIBLIOGRAPHY

Peer Reviewed Publications:

- 1) Hubbard, J., Shirwany, T., **Poppas, D.**, and Kalimi, M.: Rapid, High Temperature Glucocorticoid Receptor Exchange Assay. The Virginia Journal of Science, 138, June 1984.
- 2) Kalimi, M., Hubbard, J., **Poppas, D.**, and Shirwany, T.: Glucocorticoid Regulation of Hepatic Glucocorticoid Receptors *In Vivo* and its Relationship to Induction of Tyrosine Amino Transferase Activity. Published in The Proceedings of the 7th International Congress of Endocrinology, # 650, 1984.
- 3) Hubbard, J., Mattmueller, D., Steinberg, J., **Poppas, D.**, and Sledge C.: Effect of Steroid Hormones on Endotoxin-mediated Cartilage Degradation. Molecular and Cellular Biochemistry, 79: 31-37, 1988.
- 4) **Poppas, D.**, Schlossberg, S., Richmond, I., Gilbert, D., and Devine, Jr., C.: Laser Welding in Urethral Surgery: Improved Results with a Protein Solder. J. Urology, 139:415-417, 1988.
- 5) Ganesan, G., **Poppas, D.**, Schlossberg, S., and Devine, JR., C.: Urethral Reconstruction Using the CO₂ Laser: An Experimental Evaluation. J. of Urology, 142:1139-1141, 1989.
- 6) Sosa, E. R., Weingram, J., **Poppas, D.**, and Lyons, J.: Physiological Considerations in Laparoscopic Surgery in Urology. J. Endourology, Vol 6, No.2: 85-87, 1992.
- 7) **Poppas, D.**, Rooke, C., Schlossberg, S.: Optimal Parameters for CO₂ Laser Reconstruction of Urethral Tissue Using a Protein Solder. J. of Urology, 148:220-224, 1992.
- 8) Choma, T., **Poppas, D.**, Rooke, C., Schlossberg, S.: Patch Graft Urethroplasty with the CO₂ Laser in the Rabbit: A Pre-Clinical Study. Lasers Surg. Med., 12:639-644, 1992.
- 9) Rooke, C., **Poppas, D.**, Schlossberg, S.: Patch Graft Urethroplasty in the Rat Using a CO₂ Laser. Urology, 41(6):585-589, 1993.
- 10) **Poppas, D.**, Mininberg, D., Spencer, J., Hyacinth, L., and Schlossberg, S.: Patch Graft Urethroplasty Using Dye Enhanced Laser Tissue Welding with a Human Protein Solder: A Pre-Clinical Canine Model. J. of Urology, 150:648-650, 1993.
- 11) **Poppas, D.**, Sutaria, P., Sosa, E., Mininberg, D., and Schlossberg, S.: Chromophore Enhanced Laser Welding of Canine Ureters In Vitro Using a Human Protein Solder: A Preliminary Step for Laparoscopic Tissue Welding. J. of Urology, 150:1052-1055, 1993
- 12) **Poppas, D.**, Choma, T., Rooke, C., Schlossberg, S.: Preparation of Human Albumin Solder for Laser Tissue Welding. Lasers Surg. Med., 13:577-580, 1993.
- 13) **Poppas, D.P.**, Sosa, R.E., and Schlossberg, S.M.: Can Lasers Deliver a Sutureless Anastomosis to Urology?. Contemporary Urology, Vol. 5, No. 10, October 1993.
- 14) **Poppas, D.P.**, Schlossberg, S.M.: Laser Tissue Welding in Urologic Surgery. Urology, 43, No 2:143-148, 1994.
- 15) Klioze, S., **Poppas, D.**, Rooke, C., Choma, T., and Schlossberg, S.: Development and Initial Application of a Real Time Thermal Control System for Laser Tissue Welding. J. of Urology, 152, 744-748, 1994.

- 16) Gardner, T.A., Wei, J, **Poppas, D.P.**, and Blaiivas, J.G.: Volvulus of the Ileal Conduit: A Late Complication. J. Urology, 152:948-950, 1994.
- 17) Uzzo, R., **Poppas, D.**, Schuman, R., Vaughan, Jr., E.: An Unusual Cause of Duodenal Obstruction: Ureteropelvic Junction Obstruction and the Renoalimentary Relationship. Urology, 44, No.3:433-436, 1994.
- 18) Lemack, GE., **Poppas, DP.**, and Vaughan, Jr., ED.: Urologic Causes for Gynecomastia: Approach to Diagnosis and Treatment. Urology, 45:313-319, 1995.
- 19) **Poppas, D.**, Klioze, S., Uzzo, R., and Schlossberg, S.: Temperature Controlled Burst Strength Measurements of Various Sutures Used in Laser Tissue Welding. Urology, 45:253-257, 1995.
- 20) **Poppas, D.**, Uzzo, R., Retik, A.: Use of a Catheter Limiter During Intermittent Catheterization. Urology, 45:1049-1051, 1995.
- 21) Britanisky, R., **Poppas, D.P.** Sosa, R.E., D.T. Mininberg.: Laparoscopic Laser Assisted Bladder Autoaugmentation. Urology, 46:31-35, 1995.
- 22) Uzzo, R.G., Lemack G.E., and **Poppas, D.P.**: Genitourinary Reconstructive Surgery Utilizing Laser Tissue Welding. Tech. Urology, 2 (1): 1-18, 1995.
- 23) **Poppas, D.**, Lemack, G., and Mininberg, M.: Laparoscopic Orchiopexy: Clinical Experience and Description of Technique. J. Urology, 155:708-711, 1996.
- 24) **Poppas, D.**, Uzzo, R., Britanisky, R., Wright, J., Mininberg, D.: Laparoscopic Laser Assisted Autoaugmentation of the Pediatric Neurogenic Bladder: Early Experience with Urodynamic Follow-up. J. Urology, 155:1057-1060, 1996.
- 25) **Poppas, D.** Stewart, B., Massicotte, M., Wolga, A., Kung, R., Retik, A. and Freeman, M.: Temperature Controlled Laser Photocoagulation of Soft Tissue: In Vivo Evaluation Using a Tissue Welding Model. Lasers Surg. Med., 18:335-344, 1996.
- 26) **Poppas, D.P.**, Gillis, L.A., and Retik, A.B.: Balloon-Wire Retrieval of a Migrated Urethral Stent in the Early Postoperative Period. Urology, 47:915-917, 1996.
- 27) **Poppas, D.**, Wright, E., Guthrie, P., and Schlossberg, S.: Human Albumin Solders for Clinical Application During Laser Tissue Welding. Lasers Surg Med., 19:2-8, 1996.
- 28) **Poppas, D.**, Massicotte, M., Stewart, R., Atala, A., Retik, A., and Freeman, M.: Human Albumin Solder Supplemented with TGF- β_1 Accelerates Healing Following Laser Welded Wound Closure. Lasers Surg. Med., 19:360-368, 1996.
- 29) Wolf, S.J., Soble, J.J., Nakada, S.Y., Clayman, R.V., and **Poppas, D.P.**: Comparison of Fibrin Glue, Laser Weld, and Mechanical Suturing Device for the Laparoscopic Closure of Ureterotomy in a Porcine Model. J. Urology, 157:1487-1492, 1997
- 30) **Poppas, D.**, Uzzo, R, Bilsky, M.: Effect of Pneumoperitoneum on Intracranial Pressure During Pediatric Laparoscopic Surgery: Preliminary Experience. Urology, 49:753-757, 1997.
- 31) Wright, EJ., **Poppas, DP.**, and Schlossberg, SM.: Comparison of Multiple Laser Wavelengths and Human Albumin Solder for Laser Tissue Welding of the Ureter. Techniques in Urology 3(3):176- 181, 1997.

- 32) Massicotte, M., Stewart, B., and **Poppas, D.**: Effects of Endogenous Absorption in Human Albumin Solder for Acute Laser Wound Closure. *Lasers Surg Med.*, 23:18-24, 1998.
- 33) **Poppas, D.**, Folkman, J, Voest, E., Chen, X., Luster, A., Weingartner, C., and O'Donnell, M.: Intravesical Bacillus Calmette-Guerin (BCG) Induces the Antiangiogenic Chemokine Interferon-Inducible Protein-10. *Urology*, 52(2): 268-276, 1998.
- 34) Pavlovich, C.P., Gmyrek, G.A., Gardner, T.A., **Poppas, D.P.**, and Mininberg, D.T.: Transinguinal Laparoscopy Using Flexible Scopes: Urologic Instruments to Assess the Contralateral Inguinal Ring. *Techniques in Urology*, 4:3, 141-144, 1998.
- 35) Lauto A, Poppas DP, and Murrell GAC: Solubility Study of Albumin solders for Laser Tissue Welding. *Lasers in Surgery and Medicine*, 23:258-262, 1998.
- 36) Phillips, ABM., Ginsburg, BY., Shin, SJ., Soslow, R., Ko, W., and **Poppas, DP.**: Laser Welding for Vascular Anastomosis Using Albumin Solder: An Approach for MID-CAB. *Lasers in Surgery and Medicine*, 24:264-268, 1999.
- 37) **Poppas, DP**, Bleustein, CB, and Peters, CA: Box Stitch Modification of Hasson Technique for Pediatric Laparoscopy. *J. Endourology*, 13(6), 447-450, August 1999.
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Presentations/Abstracts:

- 1) Effects of Glucocorticoid and Other Steroids on Cartilage Degradation IN VIVO. Presented at The Endocrine Society Meetings in June, 1986.
- 2) Laser Welding of Urethra. Presented at the EVMS Student Research Forum, Norfolk, VA., 1986.
- 3) Laser Welding in Urethral Tissue. The Eastern Student Research Forum, University of Miami School of Medicine, Miami, FL., 1987. (**Second place award**).
- 4) Laser Welding in Urethral Tissue, The National Student Research Forum, University of Texas School of Medicine, Galveston, TX., 1987. (**Third place award**).
- 5) Laser Welding in Hypospadias Repair, The Microsurgical Research Center, Eastern Virginia Medical School, Norfolk, VA., 1987.
- 6) Urethral Reconstruction Using the CO₂ Laser: An Experimental Evaluation. The American College of Surgeons Annual Meeting, Chicago, ILL, 1989.
- 7) Carbon Dioxide Laser Reconstruction of Urethral Tissue: A Detailed Microscopic and Physiologic Study. The American Urologic Association Meeting, Dallas, TX., 1989.
- 8) CO₂ Laser Repair versus Microsuture Repair in a Patch graft Urethroplasty: A Comparison. Eastern Student Research Forum, University of Miami, Miami FL., 1990.
- 9) CO₂ Laser Urethroplasty in the Rabbit: A Pre-clinical Model. The American Society for Lasers in Surgery and Medicine Tenth Annual Meeting, Nashville, TN., 1990.
- 10) Optimal Parameters for CO₂ Laser Reconstruction of Urethral Tissue Using a Protein Solder. The Society of Genitourinary Reconstructive Surgeons Meeting Chicago, ILL., 10/91. (**First Place Award**)
- 11) Reestablishing Continuity of the Ureter Using Laser Tissue Welding Techniques: Evaluation of New Tissue Welding Solders for Laparoscopic Surgery. The New York Section of the American Urological Association, Inc., F.C. Valentine Urology Residents' Essay Meeting, New York, NY., 1992.
- 12) Hypercarbia in Laparoscopic Pelvic Lymph Node Dissection. American Urologic Association Annual Meeting, Washington DC, 1992.
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- 14) Optimal Temperature Values for Laser Welding of Rat Urethral Tissues: Time Zero Studies. The American Society for Laser Medicine and Surgery Twelfth Annual Meeting , Lake Buena Vista, FL. Lasers in Surg. Med. suppl. 4. abstr. 346:77, 1992.
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- 17) Hypospadias Repair Using Laser Tissue Welding. The American Society for Laser Medicine and Surgery Thirteenth Annual Meeting, New Orleans, Louisiana, abstr. # 320, April, 1993.
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- 19) The Role of Lasers in Urologic Surgery 1993. The American Society for Laser Medicine and Surgery Thirteenth Annual Meeting, New Orleans, Louisiana, abstr. #200, April, 1993.
- 20) A Thermal Control System for Laser Tissue Welding of Urethra. American Urologic Association Annual Meeting, San Antonio, TX. abstr. #56, May 1993.
- 21) Laparoscopic Bladder Autoaugmentation. American Urologic Association Annual Meeting, San Antonio, TX., abstr.# 589, May 1993.
- 22) Lithotripsy of Urinary Calculi Using the Holmium-YAG Laser. American Urologic Association Annual Meeting, San Antonio, TX., abstr. # 738, May 1993.
- 23) Subcutaneous Emphysema (SCE) During Laparoscopic Pelvic Lymph Node Dissection. American Association of Anesthesiology, San Francisco, CA. abstr. #S460, 1993.
- 24) Urethral Reconstruction Using a Remote Laser Thermal Control System for Tissue Welding. American Academy of Pediatrics Section of Urology, Washington, DC, abstr. # 58, 1993, **(First Place Award)**
- 25) Intracranial Pressure Monitoring During Laparoscopy in Children with Ventriculoperitoneal Shunts. American Academy of Pediatrics Section of Urology, Dallas, TX., abstr.# 71, October,1994.
- 26) Mechanisms Responsible for Intracranial Pressure Changes During Laparoscopic Surgery in Children with Ventriculopertioneal Shunts. World Congress of Endourology, St. Louis, MO., abstr. #45, December, 1994.
- 27) Comparison of Multiple Laser Wavelengths and Human Albumin solder for Laser Tissue Welding of the Ureter. American Society for Laser Medicine and Surgery Annual Meeting, San Diego, CA, abstr. #373, April, 1995.
- 28) Human Albumin Solders for Clinical Application During Laser Tissue Welding. American Urologic Association Annual Meeting, Las Vegas, CA, abstr. #470, April, 1995.
- 29) Chromophore Enhanced Laser Tissue Ablation: A New Model for Laser Prostatectomy? American Urologic Association Annual Meeting, Las Vegas, CA, abstr. #453, April, 1995.
- 30) Abnormal Collagen Deposition in Fetal Bladder Obstruction: A Role for Matrix Metalloproteinases and Their Inhibitors. American Urologic Association Annual Meeting, Las Vegas, CA, abstr. #143, April, 1995.
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- 39) Development of a Hemostatic Human Albumin Tissue Solder for Photothermal Wound Closure. The American Society for Laser Medicine and Surgery Sixteenth Annual Meeting, Lake Buena Vista, FL., April, 1996.
- 40) TGF- β_1 Accelerates Healing Following Laser Assisted Wound Closure. The Wound Healing Society Meeting, Boston, MA., May, 1996.
- 41) Temperature Controlled Laser Photo-Coagulation of Soft Tissue: In Vivo Evaluation Using a Tissue Welding Model. Society for Urology and Engineering, Inc., Eleventh Annual Meeting, Orlando, FL., May, 1996.
- 42) Laparoscopic Surgery: From Ablation to Reconstruction. American Urologic Association Annual Meeting, Orlando, FL., May 1996.
- 43) Alternative Laparoscopic Tissue Closure Techniques. American Urologic Association Annual Meeting, Orlando, FL., May 1996.
- 44) Outcome of Altering Human Albumin Solder Concentration Incorporating Human Thrombin During Photothermal Wound Closure with a 1.32 μ m Laser. American Urologic Association Annual Meeting, Orlando, FL., May, 1996.
- 45) Designing Pure Albumin Tissue Solders for Laser Welding: The Effect of Native Absorptions on Acute Tensile Strength. American Society for Lasers in Surgery and Medicine. Phoenix, AZ., April, 1997.
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- 49) Intravesical Bacillus Calmette-Guerin (BCG) Induces the Antiangiogenic Chemokine IP-10: A Proposed Novel Mechanism for BCG. American Urologic Association Annual Meeting, New Orleans, LO., April, 1997.
- 50) Effect of Laser Solder and Fibrin Sealant on Wound Healing: Implications for TGF- β . American Urologic Association Annual Meeting, New Orleans, LO., April, 1997. (**Best Poster in Session**)
- 51) Hemostatic Human Albumin Tissue Solder for Photothermal Wound Closure. XVith Congress of the International Society on Thrombosis and Haemostasis: Florence, Italy, June, 1997.
- 52) Monoclonal Antibody to Transforming Growth Factor-beta (TGF- β) Ameliorates Interstitial fibrosis in Complete Unilateral Ureteral Obstruction (UUP) in Rats. American Academy of Pediatrics, Section on Urology, New Orleans, LO., October, 1997.
- 52) In Vivo Cystometric Evaluation of Progressive Bladder Outlet Obstruction in Rats. American Academy of Pediatrics, Section on Urology, New Orleans, LO., October, 1997.
- 53) A Clinical Series of Laparoscopic Nephrectomy and Nephroureterectomy in the Pediatric Population. World Congress of Endourology, New York, NY., September, 1998.
- 54) The Concealed Laparoscopic Orchidopexy. World Congress of Endourology, New York, NY., September, 1998.
- 55) Bilateral Laparoscopic Adrenalectomy as Treatment of Congenital Adrenal Hyperplasia (CAH). World Congress of Endourology, New York, NY., September, 1998.
- 56) Minimizing Thermal Injury to Vessels During Laser Welding of Vascular Anastomosis: A Comparison of Wavelengths and the Use of Albumin Solder. American Society for Laser Medicine and Surgery, Orlando, FL., April 16, 1999.
- 57) Double Layer Film as a Laser Soldering Device. American Society for Laser Medicine and Surgery, Orlando, FL., April 16, 1999.
- 58) Assessment of Degradation of Denatured Albumin Solders by Human Urine. American Society for Laser Medicine and Surgery, Orlando, FL., April 16, 1999.
- 59) Double-layer Solder for Tissue Welding. Optical Society of America, Munich, Germany, June 14, 1999.
- 60) Laser Tissue Welding: Global Applications. 14th International Congress of Laser Medicine, Florence, Italy, October 30, 1999.
- 61) Interaction of Transforming Growth Factor-b and Nitric Oxide in Epithelial Cells Exposed to Angiotensin II, American Urological Association, 94th Annual Meeting, Dallas, Texas, May 1, 1999.

- 62) Mechanical Stretch Induces Nitric Oxide Synthase in Rat Renal Epithelial Cells. American Urological Association, 94th Annual Meeting, Dallas, Texas, May 1, 1999.
- 63) Semi-solid Albumin Solder for Laser Tissue Welding. American Society for Laser Medicine and Surgery, 20th Annual Meeting, Reno, Nevada, April 8, 2000.
- 64) Comparison of Welding Characteristics of Different Albumin Species with and without Fatty Acids. American Society for Laser Medicine and Surgery, 20th Annual Meeting, Reno, Nevada, April 8, 2000.
- 65) Mechanism of Healing Following Snodgrass Repair. American Urological Association, 95th Annual Meeting, Atlanta, Georgia, May 1, 2000.
- 66) Laser-Assisted Demucosalized Gastrocystoplasty with Autoaugmentation in a Canine Model. American Urological Association, 95th Annual Meeting, Atlanta, Georgia, May 1, 2000.
- 67) Transforming Growth Factor-b [TGF-b] Mediated Expression of p53 and bcl-2 in Unilateral Ureteral Obstruction [UUO]. American Urological Association, 95th Annual Meeting, Atlanta, Georgia, May 1, 2000.
- 68) Laser Tissue Welding: A Biotechnological Advance for the Future. International Congress of Laser Medicine, Florence, Italy, October 18, 2000.
- 69) Effects of Antibody to transforming Growth Factor-beta in Unilateral Ureteral Obstruction (UUO) of Mice Lacking the Gene for Inducible Nitric Oxide Synthase (iNOS). American Urological Association, Annual Meeting, Orlando, Florida, (Abst. # 374), May 26, 2002.
- 70) Antibody to Transforming Growth Factor-beta (TGF-beta) Ameliorates renal Histopathological Changes Which Occur Following Reversal of Unilateral Ureteral Obstruction in Rats. American Urological Association, Annual Meeting, Orlando, Florida, (Abst. # 375), May 26, 2002.
- 71) Dietary L-Arginine Supplementation Improves Both Glomerular Filtration Rate (GFR) and Renal Blood Flow (RBF) After 24 Hours of Unilateral Ureteral Obstruction in Rats. American Urological Association, Annual Meeting, Orlando, Florida, (Abst. # 379), May 26, 2002.
- 72) Urinary Retention Following Bilateral Extravesical Ureteral Reimplantation. American Urological Association, Annual Meeting, Orlando, Florida, (Abst. # 1173), May 28, 2002.
- 73) Effects of Antibody to Transforming Growth Factor-[beta] in Unilateral Ureteral Obstruction (UUO) in Mice Lacking the Gene for Inducible Nitric Oxide Synthase (iNOS), American Society of Nephrology, Philadelphia, Pennsylvania, November, 2002.
- 74) Dietary L-Arginine Supplementation Improves Both Glomerular Filtration Rate [GFR] and Renal Blood Flow [RBF] after 24 Hours of Unilateral Ureteral Obstruction [UUO] in Rats, American Society of Nephrology, Philadelphia, Pennsylvania, November, 2002.
- 75) Renal Dopamine-1A Receptor (D1AR) Is Decreased in Unilateral Ureteral Obstruction (UUO) in Rats, American Society of Nephrology, Philadelphia, Pennsylvania, November, 2002.
- 76) Loxartan, an Angiotensin II (AII) receptor Antagonist, Decreases Apoptosis and Macrophage Infiltration in Unilateral Ureteral Obstruction (UUO) in rats. American Urological Association, Annual Meeting, Chicago, IL, April 2003..

- 77) Effect of UUU on dopamine 1A Receptor (D1AR) Expression reveals a Link Between Dopamine, Transforming Growth Factor β and Nitric Oxide. American Urological Association, Annual Meeting, Chicago, IL, April 2003.
- 78) Dietary L-Arginine Supplementation Attenuates Renal Damage After Relief of Unilateral Ureteral Obstruction (UUO) in rats. American Urological Association, Annual Meeting, Chicago, IL, April 2003.
- 79) Liposome-Mediated Transfer of Inducible Nitric Oxide Synthase Gene into the Kidney. American Urological Association, Annual Meeting, Chicago, IL, April 2003.
- 80) Renal Damage Progresses Despite Improvement of Renal function After Relief of Unilateral Ureteral Obstruction (UUO) in Adult Rats. American Urological Association, Annual Meeting, Chicago, IL, April 2003.
- 81) Effects of Antibody to Transforming Growth Factor- β (TGF- β) and Enalapril in Unilateral Ureteral Obstruction (UUO). American Urological Association, Annual Meeting, Chicago, IL, April 2003.
- 82) Effect of Selective Cyclooxygenase-2 (COX-2) Inhibitor on Extracellular Matrix (ECM) and Transforming Growth Factor- β (TGF- β) Expression in Stretched Renal Fibroblasts. American Urological Association, Annual Meeting, Chicago, IL, April 2003.
- 83) Clitoral Sensitivity and Viability Following a Modified Reduction Clitoroplasty with Follow-up Evaluation in 21 Patients. American Urological Association, Annual Meeting, Chicago, IL, April 2003.
- 84) Androgen Application Stimulates Angiogenesis in Human Foreskin Grafts. American Academy of Pediatrics, New Orleans, LA., October, 2003.
- 85) Renal Cyclooxygenase-2 (COX-2) Expression is altered in Response to Unilateral Ureteral Obstruction (UUO). American Academy of Pediatrics, New Orleans, LA., October, 2003.
- 86) Nerve Sparing Extravesical Ureteral Reimplantation: Assessment of Outcome in Bilateral Cases. American Academy of Pediatrics, New Orleans, LA., October, 2003.
- 87) Effect of Unilateral Ureteral Obstruction (UUO) on the Transduction of Green Fluorescent Protein (GFP) Using Adeno-Associated Viral Vector in Kidney. American Urologic Association, San Francisco, CA., 2004.
- 88) Liposome-Mediated Transfer of Inducible Nitric Oxide Synthase (iNOS) Gene Ameliorates renal Dysfunction in Acute Unilateral Ureteral Obstruction (UUO). American Urologic Association, San Francisco, CA., 2004.
- 89) Pressure Induces renal Epithelial Cell Nitric Oxide Production. American Urologic Association, San Francisco, CA., 2004.
- 90) Renal Damage is Decreased in Rats with Unilateral Ureteral Obstruction (UUO) Treated by Dietary Supplementation with the Nitric Oxide (NO) Precursor, L-Arginine. American Urologic Association, San Francisco, CA., 2004.
- 91) Pediatric Robotic Pyeloplasty. (Video) American Urologic Association, San Francisco, CA., 2004.

- 92) Pressure induces a rapid induction of inducible nitric oxide synthase [iNOS] mRNA expression in Human Renal Epithelial Cells. AUA, San Antonio, 2005.
- 93) Pressure Induces Nitric Oxide Production by Human Ureteral Cells in Vitro. AUA, San Antonio, 2005.
- 94) SS-31, a Cell-Permeable Mitochondrial Protectant, Ameliorates Renal Tissue Damage in Unilateral Ureteral Obstruction (UUO). [F-PO406]. American Society of Nephrology, Philadelphia, 2005.
- 95) Tempol Ameliorates Renal Tissue Damage in Unilateral Ureteral Obstruction (UUO). [F-PO407]. American Society of Nephrology, Philadelphia, 2005.
- 96) Do Assisted Reproductive Technologies Increase the Incidence of Hypospadias and /or its Severity? American Society of Reproductive Medicine, New Orleans, October 2006.
- 97) Conception Method Does not Influence Hypospadias Characteristics in Twin Gestations. American Society of Reproductive Medicine, New Orleans, October 2006.
- 98) Is Maternal Age Associated with Neonatal Urological Anomalies? American Society of Reproductive Medicine, New Orleans, October 2006.
- 99) Evaluation of Clitoral Sensitivity and Viability Following Clitoroplasty in Congenital Adrenal Hyperplasia. American Academy of Pediatrics, Atlanta, October 2006. **(Second Place for Best Clinical Research Award)**
- 100) Immunohistochemical Analysis of Clitoral Nerve Preservation Following Clitoroplasty in Congenital Adrenal Hyperplasia. American Academy of Pediatrics, Atlanta, October 2006.
- 101) Biocompatibility Assessment and In Vivo Trial of Novel Synthetic Biomaterial for Bladder Augmentation. American Urologic Association Annual Meeting, Anaheim CA, May 2007.
- 102) Feasibility of Biofeedback Therapy to Treat Discoordinate Voiding in Children with Associated Developmental, Behavioral and /or Neurologic Disorders. American Urologic Association Annual Meeting, Anaheim CA, May 2007.
- 103) Dorsal Nerve Preservation in Modified Reduction Clitoroplasty in Congenital Adrenal Hyperplasia (CAH). American Urologic Association Annual Meeting, Anaheim CA, May 2007.
- 104) Transforming Growth Factor (TGF)-beta Regulates the Fibrotic Phenotype in Human Vocal Fold Fibroblasts. The Voice Foundations 36th Annual Symposium: Care of the Professional Voice and the International Association of Phonosurgerys 8th International Symposium on Phonosurgery. Philadelphia, June 2007.
- 105) A Pressurized Cell Culture System to Study NO and iNOS mRNA Expression in Renal Epithelial Cells. Biomedical Engineering Society, Loss Angeles, CA, September 2007.
- 106) Urinary Incontinence in Children with Cerebral Palsy: Underlying voiding dysfunction May Be More Pathologic than Previously Reported. American Academy of Pediatrics, San Francisco, CA, October 2007.
- 107) Pressure and Epidermal Growth Factor (EGF) Activate inducible Nitric Oxide Synthase (iNOS) in Human Renal Epithelial Cells (HKC-8). AUA 2008, Orlando, FL.

- 108) Pressure and EGF activate epidermal growth factor receptor (EGFR) leading to the induction of iNOS via NFκB and STAT3 in human proximal tubule cells (HKC-8). Presented AAP, 2008
- 109) Pressure and EGF Activate Epidermal Growth Factor Receptor Leading to the Induction of iNOS via NFκ B and STAT3 in Human Proximal Tubule Cells (HKC-8). Presented, ASN, 2008.

Invited Faculty Lectures:

- 1) Instructor, Basic Laparoscopy Course for The American Urologic Association Executive Committee, March, 1991.
- 2) American Urologic Association, Instructor in laparoscopic surgery for Basic Laparoscopy Course, The A.U.A. Annual Meeting, Toronto, Canada, 1992.
- 3) The United States Surgical Corporation, Norwalk, CT., Instructor in laparoscopic surgery, 1991 - 1994.
- 4) The New York Hospital - Cornell Medical Center, Division of Urology, Department of Surgery, Instructor in laparoscopic surgery, 1991 - 1994.
- 5) Update on Laser Tissue Welding in Urology, The Department of Urology, Eastern Virginia Medical School, Norfolk, VA., 1992.
- 6) Co-Chairman, Section on Urology and Gynecology, 11th Congress of The International Microsurgical Society, Rhodes, Greece, 1992.
- 7) Postgraduate course in laparoscopy, The American Urologic Association Annual Meeting 1992, Washington DC, May, 1992.
- 8) The 1993 New York Section/A.U.A Postgraduate Seminar, Laser Tissue Welding in Urologic Surgery, New York, NY, March 1993.
- 9) Combined Institutional Symposium on " Technological Advances in Adult and Pediatric Urology". Application of Laser Tissue Welding in Urology, New York, NY, December, 1992.
- 10) Children's Hospital of Philadelphia, Department of Urology, Grand Rounds Lecture on Laser Tissue Welding in Urologic Surgery, February, 1993.
- 11) Co-Chairman, Section on Urology, The Thirteenth Annual Meeting of the American Society for Laser Medicine and Surgery, New Orleans Louisiana, April 1993.
- 12) Westchester Medical Center, Department of Urology, New York, Grand Rounds Lecture on The Use of Laser Tissue Welding for Tissue Approximation. October, 1993.
- 13) National Tissue Welding Symposium "From the Lab to the Clinic". Boston, Massachusetts., June, 1994.

- 14) Lahey Clinic, Department of Urology, Grand Rounds Lecture on Laser Tissue Welding in Urology, March 22, 1995.
- 15) National Kidney Foundation, Panel Discussion: "Management of Pediatric Nephrolithiasis, New York, NY, November, 1996.
- 16) Visiting Professor, Long Island Jewish Medical Center, Long Island, NY, "Photothermal Tissue Fusion", February 13, 1997.
- 17) Visiting Professor - Department of Pediatrics, New York Hospital Medical Center of Queens, "Cryptorchidism", February, 1997.

Invited Faculty Lectures (continued):

- 18) Section of Urology - New York Section American Urologic Association, Post Graduate Seminar Laparoscopic Nephroureterectomy in Children, The New York Academy of Medicine, March 8, 1997.
- 19) Chairman, Section on Laser Tissue Welding, The 17th Annual Meeting of the American Society for Laser Medicine and Surgery, Phoenix, Arizona, April, 1997.
- 20) XVIth Congress of the International Society on Thrombosis and Haemostasis: "Laser Tissue Welding Current and Future Considerations" Florence, Italy, June 6-12, 1997.
- 21) Grand Rounds Lecture, Department of Neonatology, Cornell Medical Center, "Perinatal Urology: Postnatal Management of Prenatal Hydronephrosis. September 15, 1997.
- 22) Grand Rounds Lecture, Department of Surgery, Cornell Medical Center, "Laser Tissue Welding: What is the Future ?", January 29, 1998.
- 23) Grand Rounds Lecture, Department of Urology, Lenox Hill Hospital, "Laser Tissue Welding in Urologic Surgery", March, 1998.
- 24) Grand Rounds Lecture, Department of Urology, Columbia Presbyterian Hospital,, "Laser Tissue Welding in Urologic Surgery", April, 1998.
- 25) Grand Rounds Lecture, Department Pediatrics, The New York Hospital, "Cryptorchisim – Mechanisms and Management", May, 1998.
- 26) Grand Rounds Lecture, Department of Pediatrics, The New York Hospital (Queens), "Medical and Surgical Management of Vesicoureteral Reflux". October, 1998.
- 27) Memorial Sloan-Kettering, Invited Lecture, "Laparoscopic Techniques in Pediatric Urology. November 10, 1998.
- 28) Plenary Key Note Lecture, "Global Approach to Tissue Welding", American Society for Laser Medicine and Surgery, Orlando, FL., April 17, 1999.
- 29) XV International Congress "The Fetus as a Patient", Postnatal Management of Prenatal Hydronephrosis, Rockefeller University, New York, April 24, 1999.

- 30) The New York Clinical Society Lecture, "Global Approach to Tissue Welding", Century Association, New York, April 26, 1999.
- 31) New York Academy of Medicine Urology Symposium, "Pediatric Laparoscopy: Now and the Future", New York, June 6, 1999.
- 32) Grand Rounds Lecture, "Postnatal Management of Prenatal Hydronephrosis", Department of Pediatrics, United Hospital Medical Center, June 3, 1999.
- 33) Grand Rounds Lecture, "Pediatric Laparoscopy", Department of Urology, Brookdale Hospital, June 16, 1999.
- 34) Grand Rounds Lecture, "Perinatal Hydronephrosis", Department of Pediatrics, New York Methodist Hospital, June 23, 1999.
- 35) The New York Section, AUA, "Pediatric Laparoscopy: Upper Tract Surgery", Dublin, Ireland, October 20, 1999.
- 36) Chairman, Laser Photodynamic Diagnosis and Therapy, 14th International Congress of Laser Medicine, Florence, Italy, October 31, 1999.
- 37) Dean's Hour Lecture, "Advance in Surgical Wound Closure", Weill Medical Collage of Cornell University, March 1, 2000.
- 38) Plenary Key Note Lecture, "Global Approach to Tissue Welding", American Society for Laser Medicine and Surgery, Reno, NV, April 8, 2000.
- 39) Grand Rounds Lecture, Department of Pediatrics, The New York Hospital (Queens), "Latest in Pediatric Urinary Tract Infections", April 13, 2000.
- 40) Halsted Society Lecture, "Pediatric Laparoscopic Nephroureterectomy and Adrenalectomy", Seventy Fourth Annual Meeting, Weill Medical College of Cornell University, September 7, 2000.
- 41) Chairman, 15th International Congress of Laser Medicine, Florence, Italy, October 18 to 22, 2000.
- 42) Distinguished Visiting Professor Lecture Series, Department of Urology, SUNY at Stony Brook, "Pediatric Laparoscopic Surgery", November 30, 2001.
- 43) Grand Rounds Lecture, "Pediatric Laparoscopic Surgery", Department of Urology, January 24, 2002.
- 44) Grand Rounds Lecture, "Pediatric Urinary Tract Infections", Department of Urology, February 14, 2002.
- 45) Invited lecturer, 100th Anniversary Celebration Of American Urologic Association; Scientific Program, "Laparoscopy, Intersex, Reconstruction and Prosthetics", New York, NY, February 2002.
- 46) Grand Rounds Lecture, "Prenatal Hydronephrosis: Diagnosis and Management", Department of Urology, February 28, 2002.

- 47) Invited Lecturer, First World Congress on Hormonal and Genetic Basis of Sexual Differentiation, "Surgical Reconstruction in Complex Patients with Ambiguous Genitalia", Tempe, AZ, May, 2002.
- 48) Residents Lecture Series, The Business of Medicine, Department of Urology, NYP, June 1, 2002.
- 49) The New York Section of the American Urological Association, 100th Annual Meeting, "Reconstruction in Complex Intersex Cases", Barcelona, Spain October 19-26, 2002.
- 50) CARES Foundation Symposium on Congenital Adrenal Hyperplasia, "Surgical Consideration in the Female CAH Patient", Overlook Hospital, Summit, NJ, October 24, 2004.
- 51) Invited Lecturer, Kidney and Urology Foundation of America, Vesico-Ureteral Reflux in Children: Up date on Pathogenesis and Management. New York Academy of Medicine, December 4, 2005.
- 52) Invited Lecturer, Surgical Options for Children with Disorders of Sexual Development, Robert Wood Johnson Medical School. January 3, 2006.
- 53) Second World Congress on Disorders of Sexual Development and Hypospadias: Lecture: Clitoroplasty in the CAH Patient, Technique and Outcome, Rome, Italy, November, 2007.

Videotapes:

- 1) Alternative Therapy for Transitional Tumor in a Solitary Kidney: The Pyelo-ileal Cutaneous Anastomosis. American Urologic Association Annual Meeting, San Antonio, TX, # V-49, May 1993.
- 2) Laparoscopic Orchiopexy. American Urologic Association Annual Meeting, San Antonio, TX, # V-10, May 1993.
- 3) Laparoscopic Laser Assisted Bladder Autoaugmentation. American Urologic Association Annual Meeting, San Antonio, TX, # V-4, May 1993.
- 4) Alternative Laparoscopic Tissue Closure Techniques: Fibrin Glue, Laser Welding, and EndoStitch. American Urologic Association Annual Meeting, Orlando, FL., May 1996.