

## Curriculum Vitae

Jacob Rajfer, M.D.

### PERSONAL

Birthdate	November 16, 1948
Birthplace	Trinidad, W.I.
Citizenship	U.S.A.
Marital Status	Married: Wife - Susan

### EDUCATION

1964-68	B.S. in Biology, University of Illinois, Chicago, Illinois.
1968-72	M.D., Northwestern University, Chicago, Illinois.

### POSTGRADUATE TRAINING

1972-73	Intern in Medicine, Los Angeles County-USC Medical Center, Los Angeles, California
1973-74	Resident in Surgery, St. Joseph's Hospital, Denver, Colorado
1974-75	Junior Assistant Resident in Urology, The Johns Hopkins Hospital, Baltimore, Maryland
1975-76	Research Fellow in Urology, The Johns Hopkins University School of Medicine, Baltimore, Maryland
1976-77	Senior Assistant Resident in Urology, The Johns Hopkins Hospital, Baltimore, Maryland
1977-78	Chief Resident in Urology, The Johns Hopkins Hospital, Baltimore, Maryland

### FACULTY POSITIONS HELD

1978-80	Assistant Professor, Department of Urology, University of Washington, Seattle, Washington
1980-83	Assistant Professor, Division of Urology, Department of Surgery, University of California at Los Angeles, Los Angeles, California
1983-89	Associate Professor, Division of Urology, Department of Surgery, University of California at Los Angeles, Los Angeles, California
1989-present	Professor, Division of Urology, Department of Surgery, University of California at Los Angeles, Los Angeles, California

### HOSPITAL POSITIONS HELD

1978-80	Chief of Urology, Veterans Administration Medical Center, Seattle, Washington
1980-present	Chief of Urology, Harbor-UCLA Medical Center, Torrance, California

### HONORS

1965	Edmund J. James Scholar (Nominee), University of Illinois
1965	Omega Beta Pi (Honorary Premedical Society), University of Illinois
1967	President, Omega Beta Pi
1968	B.S. with Honors in Biological Sciences, University of Illinois
1977	3rd Prize, Laboratory Research, Grayson Carroll Essay, American Urological Association, Chicago, Illinois

1978	1st Prize, Laboratory Research, Grayson Carroll Essay, American Urological Association, Chicago, Illinois
1983	2nd Prize, Joseph F. McCarthy Essay, Western Section, American Urological Association, Vancouver, B.C.
1984	1st Prize, Joseph F. McCarthy Essay, Western Section, American Urological Association, Reno, NV.
1985	1st Prize, Joseph F. McCarthy Essay, Western Section, American Urological Association, Anaheim, CA
1986	Honorable Mention, Research Prize, Section on Urology, American Academy of Pediatrics, Washington, D.C.
1992-04	Best Doctors in America
1995	President, Los Angeles Urological Society
1996	Certificate of Achievement Award, AUA, Orlando, Fl.
1996	Honorary Fellowship, American Academy of Pediatrics
2001-04	America's Top Doctors

#### BOARD CERTIFICATION

1980	American Board of Urology
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#### LICENSURE TO PRACTICE

California	G 024703 (1972)
Colorado	1833 (1973)
Maryland	D 16814 (1974)
Washington	16730 (1978)
Nevada	10889 (2004)

#### SOCIETY MEMBERSHIP

1977-78	Society of University Urology Residents: Chairman
1978-80	Northwest Urological Society
1979-present	American Fertility Society
1980-present	Kidney Foundation of Southern California
1980-present	Society for the Study of Reproduction
1980-present	Los Angeles Urological Society
1980-present	Southern California Transplant Society
1981-present	Society of University Urologists
1981-present	Pacific Coast Fertility Society
1982-present	Western Section, American Urological Association, Inc.
1982-present	UCLA Jonsson Comprehensive Cancer Center
1983-present	American College of Surgeons - Fellow
1983-present	American Urological Association
1985-present	American Society of Andrology
1985-present	Urologic Society for Transplantation and Vascular Surgery
1985-present	California Urological Society
1986-present	Western Association of Transplant Surgeons
1987-present	The Endocrine Society
1987-present	American Society of Transplant Surgeons
1987-present	Society for the Study of Impotence
1992-present	Society of Pediatric Urology
1994-present	Western Urologic Forum
1997-present	American Academy of Pediatrics

#### COMMITTEES

1978-80	Infectious Disease : VA Hospital, Seattle, Washington
1980-82	Executive Committee : National Kidney Foundation of Southern California

1980-81	Therapeutics : Harbor-UCLA Medical Center
1980-86	End Stage Renal Disease : Harbor-UCLA Medical Center
1980-present	Executive, Dept. Surgery : Harbor-UCLA Medical Center
1980-84	Operative Room : Harbor-UCLA Medical Center
1981-82	Research Committee, National Kidney Foundation of Southern California
1981-83	Subcommittee on Administrative Policies - Research & Education Institute, Harbor-UCLA Medical Center
1981-82	Subcommittee on Research Seminars - Faculty Society, Harbor-UCLA Medical Center
1981-88	Research Committee : Harbor-UCLA Medical Center
1982-88	Curriculum Committee : Department of Surgery, UCLA School of Medicine
1983-84	Urology Committee, American Fertility Society
1985-87	Executive Committee, Department of Surgery, UCLA School of Medicine
1985-87	Trauma Committee, UCLA School of Medicine
1987-93	Examination Committee, American Board of Urology
1987-88	Program Committee, Pacific Coast Fertility Society
1989-91	Executive Committee, Department of Surgery, UCLA School of Medicine
1990-91	Male Reproduction Urology Committee, American Fertility Society
1991-95	Director, Pacific Coast Fertility Society
1991-95	Undergraduate Curriculum Committee, American Urol. Assoc.
1992-93	Search Committee, Chair of Surgery, Harbor-UCLA Med. Ctr.
1992-93	Search Committee, Chief of Pediatric Urology, UCLA Med. Ctr.
1993-95	Chairman, Local Arrangements Committee, AUA, Las Vegas, 1995.
1996-98	Prize Essay Committee, AUA.
1998-01	Executive Committee, Society for the Study of Impotence.

#### TEACHING ASSIGNMENTS

Third-year Surgery Student Lecture Series - SU 303  
 Fourth-year Advanced Clinical Clerkship - SU 209  
 Introduction to Diagnostic & Clinical Urology, UCLA School of Medicine  
 Introduction to Diagnostic & Clinical Urology, UC Riverside School of Medicine

#### LABORATORY AWARDS

- 1981 1st Prize, Los Angeles Urological Society Annual Residents' Contest. Howard Frey, M.D. "The role of the gubernaculum in testicular descent." June, 1981.
- 1982 3rd Prize, Los Angeles Urological Society Annual Residents' Contest. Steven Moss, M.D. "Effects of external beam radiotherapy for prostate cancer on testicular function." June, 1982.
- 1983 2nd Prize, Laboratory Research, Grayson Carroll Essay Contest, American Urological Association, Las Vegas, NV. Howard Frey, M.D. "The role of the gubernaculum and Intraabdominal pressure in testicular descent." April, 1983.
- 1984 1st Prize, Miley B. Wesson Essay, Western Section, American Urological Association, Reno, NV. John H. Farrer, M.D. "Impaired testosterone biosynthesis in cryptorchidism." May, 1985.
- 1985 Honorable Mention, Grayson Carroll Essay Contest, American Urological Association, Atlanta, Georgia. John H. Farrer, M.D., "Management of postpubertal cryptorchid patient - a statistical reevaluation." May, 1985.

- 1987 1st Prize, Joseph F. McCarthy Essay, Western Section, American Urological Association, Kona, Hawaii. Martin A. Koyle, M.D., "Cyclosporine inhibits Testosterone Biosynthesis in the Rat Testis," February, 1987.
- 1988 Harbor Collegium, Harbor-UCLA Medical Center, Torrance, CA. Suresh C. Sikka, Ph.D., "Androgen Dependent Events Associated with Growth and Development of Rat Cavernosal Smooth Muscle Cells," September, 1988.
- 1991 First Prize, Miley Wesson Resident Essay Contest, Western Section, AUA. William J. Aronson, M.D. "The Chemical Mediator of Human Penile Erection is nitric oxide." July, 1991.
- 1992 First Prize, Miley Wesson Resident Essay Contest, Western Section, AUA. William J. Aronson, M.D. "NO and cGMP mediators of pelvic nerve stimulated erections in dogs." October, 1992
- 1996 First Prize, Miley Wesson/Proctor and Gamble Resident Essay Contest, Western Section, AUA. David F. Penson, M.D. "Androgen and pituitary control of the penile nitric oxide synthase and erectile function in the rat." July, 1996.

#### RESEARCH SUPPORT

Effect of External Beam Radiotherapy for Prostatic Cancer on Testicular Function.  
Research Committee, Professional Staff Association, Harbor-UCLA Medical Center \$3,000-Principal Investigator. November 1, 1980 - October 31, 1981

Comparison Between Netilmicin and Tobramycin in Urinary Tract Infections.  
Schering Corporation, \$25,000 - Principal Investigator, November 1, 1980 - October 31, 1981.

Efficacy and Safety of Cefonicid in Urinary Tract Infections.  
Smith Kline & French, \$45,000 - Principal Investigator. March 1, 1981 - February 28, 1982.

Level of Cefonicid in Prostate Tissue.  
Smith Kline & French, \$7,000 - Principal Investigator. March 1, 1981 - February 28, 1982.

Outpatient Treatment of Varicocele.  
Research Committee, Professional Staff Association, Harbor-UCLA Medical Center \$3,000 - Principal Investigator. March 1, 1981 - February 28, 1982.

Superactive GnRH Treatment of Prostatic Adenocarcinoma.  
Abbott laboratories, \$81,500 - Coinvestigator. March 15, 1981 - August 1, 1985.

An Evaluation of semen in patients treated with Accutane for severe recalcitrant cystic acne. Hoffman-La Roche, \$28,000 - Principal Investigator. November 1, 1983 - October 30, 1984.

Use of GnRH Superactive Agonist (Buserelin) in treatment of prostatic carcinoma.  
Hoescht-Roussel, \$280,000 - Coinvestigator. February 1, 1983 - December 31, 1986.

Comparison between hCG and GnRH In the treatment of cryptorchidism.  
Research and Education Institute, Inc. Principal investigator-\$3,000. 7/1/84 - 6/30/85.

Effects of irradiation on testosterone biosynthesis.  
University Urological Research Foundation, \$3,000 - Coinvestigator, 1/1/85 - 12/31/85.

Effects of elevated scrotal temperature on sperm production.  
Arts and Science Technology, Inc. \$10,000-Principal Investigator. 6/1/85 -5/31/86.

Effects of estradiol on testosterone biosynthesis.

University Urological Research Foundation. \$5,125 - Coinvestigator, 3/1/86 - 2/28/87.

Preliminary studies on the  $\Delta 4$  and  $\Delta 5$  pathway of steroidogenic enzymes in testes of man and rat.

Research and Education Institute, Inc. \$3,000 - Coinvestigator. 3/1/86 - 2/28/87.

Effect of ketoconazole on testosterone steroidogenesis in dispersed Leydig cells.

Research and Education Institute, \$3,000 - Coinvestigator. March 1, 1986 - February 28, 1987.

Comparison between leuprolide vs. leuprolide plus RU23908 in patients with stage D2 prostatic carcinoma.

G.H. Besselaar Association. \$82,500 - Principal Investigator. July 1, 1986 - March 31, 1988.

Comparison between orchiectomy vs. orchiectomy plus RU23908 in patients with stage D2 prostatic cancer.

G.H. Besselaar Associates, \$82,500 - Principal Investigator. 7/1/86 - 6/30/87.

Dynamic cavernosography following papaverine injection in the work up of impotence.

University Urological Foundation. \$2,100 - Principal Investigator. 8/1/86 - 7/31/87.

Effect and safety of SKF-86466-A in BPH.

Smith, Kline, & French. \$95,000-Principal Investigator. 4/1/87 - 3/3/88.

Rat Cavernosal Muscle Cell Culture-Effect of Cyclic Nucleotides On Calcium Release.

Research Education Institute. \$3,000 - Principal Investigator. 3/1/88 - 2/28/89.

Androgen Dependent Events Associated with Growth and Development of Rat Cavernosal Smooth Muscle Cells. Harbor Collegium. \$10,000 - Co-investigator. 9/1/88 - 8/31/89.

Efficacy, Safety & Tolerance of HR810 In Treatment of Urinary Tract Infections.

Hoechst-Roussel Pharm., Inc. \$56,000 - Principal Investigator, 12/1/88 - 11/31/89.

Blind Comparison of Cefipime vs Ceftazidime in serious UTI's.

Bristol-Myers, Inc. \$105,800. Principal Investigator. 9/1/90-8/31/91.

Double-blind, placebo controlled, dose ranging study to evaluate Atamestame in the treatment of BPH.

Berlex Labs., Inc. \$75,000. Principal Investigator. 6/1/91-5/31/92.

Randomized, double-blind study comparing MK-906 vs. Placebo in patients with rising PSA levels following radical prostatectomy.

Merck, Sharp and Dohme. \$50,000. Principal Investigator. April 1, 1991-March 30, 1992.

Role of aging in erectile dysfunction: assessment of nitric oxide cascade in the aged rat penis. American

Federation for Aging Research. \$25,000. Co-investigator. 7/1/92-6/30/94.

Role of nitric oxide in smoking related vascular impotence.

Tobacco Related Disease Research Program. \$511,771. Co-investigator. 7/1/92-6/30/95.

Inducible nitric oxide synthase activity in smooth muscle cells.

Nirec, Inc. Principal Investigator. \$325,000. 12/1/92-11/30/94.

Role of androgens on the expression of androgen receptors and growth-related genes in a rat penis model.

Merck, Sharp & Dohme. \$30,000. Co-investigator. 12/1/92-12/31/94.

Phase II trial of topical minoxidil in the treatment of erectile dysfunction.

Upjohn, Inc. Principal Investigator. \$138,000. 10/1/93-9/30/94.

A placebo-controlled safety and efficacy study of alprostadil alphadex in the treatment of erectile dysfunction.

Swarz Pharmaceuticals. Principal Investigator. \$175,000. 10/1/93-6/30/96.

Cloning of iNOS gene in the human.  
Nirec, Inc. Principal Investigator. \$500,000. 12/1/94-11/30/95.

Safety and effectiveness of levofloxacin in the treatment of complicated urinary tract infections.  
R.W. Johnson. Principal Investigator. \$10,000. 6/1/94-5/30/95.

A Double-Blind, Randomized, Placebo Controlled, Parallel Group, Fixed Dose, Multicenter Study to Assess the Efficacy and Safety of UK-92,480 Administered Over 6 months to Male Patients with Erectile Dysfunction. Pfizer, Inc. Principal Investigator. \$65,000. 1/1/96-12/31/96.

An open, non-comparative study to assess the long-term safety of sildenafil in patients with erectile dysfunction. Pfizer, Inc. Principal Investigator. \$40,000. 7/1/96-6/30/97.

A Double-Blind, Randomized, Placebo Controlled, Parallel Group, Multicenter, Flexible Dose Escalation Study to Assess the Efficacy and Safety of Sildenafil Administered as required to Diabetic Male Patients with Erectile Dysfunction. Pfizer, Inc. Principal Investigator. \$40,000. 7/1/96-6/30/97.

Effect of doxazosin in oligospermia. Pfizer, Inc. Principal Investigator. \$18,000. 1/1/96-12/31/97.

Urology Basic Science Research Award. The Eli and Edythe L. Broad Foundation. Principal Investigator. \$800,000. 4/1/99-3/31/01.

Erectile dysfunction and nitric oxide synthase in aging. NIH 1 R01 DK53069-01A2 Co-investigator. \$666,319. 5/1/99-4/30/02. Renewed 2003-2006.

A randomized, double-blind, placebo-controlled, multicenter fixed dose, parallel group, 3 month comparison study to investigate the efficacy and safety of the phosphodiesterase type V inhibitor (BAY-9456) in males with erectile dysfunction following radical prostatectomy. \$20,000. 11/00-2/01.

A randomized, double-blind, placebo-controlled study of the efficacy and safety of IC351 (LY450190) administered "on demand" to patients with erectile dysfunction.  
Lilly-ICOS, LLC. Principal Investigator. \$42,000. 4/1/01-12/31/01.

Prostate Cancer Development and Growth. NIH. Co-Investigator. \$1,160,379. 9/28/01-8/28/05.

Harbor-UCLA Select Study Center: The Selenium and Vitamin E Chemoprevention Trial.  
Southwest Oncology Group. Co-Investigator. 2%. \$250,000. 11/14/00 - 11/13/05

Urology Basic Science Research Grant. Peter Morton Foundation. \$25,000. 1/02-12/04.

Erectile Dysfunction and Nitric Oxide Synthase in Aging (Renewal). RO1 DK53069-01A4 NIH/DD (Co-Inv) \$672,000 05/01/03-04/30/06.

Novel Therapeutic Application of Vardenafil for the Treatment of Peyronie's Disease and other Fibrotic Diseases, Co-Inv. \$50,000. 11/01/03-010/31/04.

Effect of Long-term treatment with tadalafil on phosphodiesterase-5 (PDE5) expression in Human Penile Cell Cultures. Lilly-ICOS Corporation (Co-PI). \$64,565 12/01/03-11/30/04.

Effects of Long Term therapy with sildenafil on the histological and functional alterations of the aged corporal tissue; implications for reversal of corporal veno-occlusive dysfunction (CVOD). Pfizer, Inc. PI. \$46,500. 12/1/04-11/30/05.

Role of sildenafil in preventing the histological and functional alteration in the cavernosal tissue following cavernosal nerve damage; implications for the treatment of impotence following radical prostatesctomy. Pfizer, Inc. PI. \$48,690. 12/1/04-11/30/05.

Germ Cell Tumor and Tissue Bank Resource.

Lance Armstrong Foundation/USC PI. \$12,000. 1/10/06-12/31/06.

#### PATENTS

1. AMELIORATION OF HUMAN ERECTILE DYSFUNCTION BY TREATMENT WITH iNOS, INDUCERS OF iNOS OR iNOS cDNA. # 5,594,032, January 14, 1997.
2. NMDA RECEPTOR BLOCKERS IN THE THERAPY OF UROGENITAL DISEASE # 08/956,907 April 21, 2000.

#### BOOK REVIEWS

1. "Traumatic injuries of the Genitourinary System" by McDougal & Persky. Critical Care Medicine. 9:562, 1981.
2. "Percutaneous Renal Surgery" by Wickham and Miller. N. Eng. J. Med. 310: 1062, 1984.
3. "Prostate Cancer" by Wm. J. Catalona. N. Engl. J. Med. 312:1201, 1985.
4. "Contemporary Management of Impotence and Infertility" by Tanagho, Lue, and McClure. Survey Section, J. Urol., Jan. 1989.
5. "Impotence: diagnosis and management of male erectile dysfunction" by Kirby, Carson and Webster. N. Engl J Med, in press.

#### LETTERS TO THE EDITOR

1. Zinner, N.R., Ritters, R., Sterling, A., and Rajfer, J.: Is the race not always to the swift? N. Engl. J. Med. 306:751, 1982.

#### EDITORSHIPS

1. Cryptorchidism. Urologic Clinics of North America. Rajfer, J. (ed.) Philadelphia: W.B. Saunders Co., October, 1982.
2. Textbook of Urologic Endocrinology. Rajfer, J. (ed.) Philadelphia: W.B. Saunders Co., 1986.
3. Common Problems in Infertility and Impotence. Rajfer, J. (ed.) Chicago. Year Book Medical Publishers, 1990.

#### PROGRAM DIRECTOR

1. Seminar on Male Infertility. Western Section, AUA, Los Angeles, CA. March 12, 1982.
2. Seminar on Practical Applications of Advances in Antibiotics. Los Angeles, CA. December 5, 1984.
3. Male Infertility Postgraduate Course. Am. Fertility Society, Chicago, IL. September, 1985.

4. Impotence Postgraduate Course. Western Section, AUA, Monterey, CA., October 1, 1990.
5. Laparoscopy in Urology. State of the Art-Urology, UCLA. LA, CA. January 30, 1992.
6. Male Infertility Postgraduate Course, Am. Fert. Soc., New Orleans, LA. November, 1992.
7. Laparoscopy in Urology. State of the Art-Urology, UCLA. L.A., CA. February 5, 1993.
8. Male and Female Sexual Dysfunction, Postgraduate Course, Am. Soc. Reprod. Med., Toronto, Canada. September 26, 1999.
9. Perspectives in Men's Health, SF, CA. July, 2004.

#### INVITED LECTURESHIPS

1. John K. Lattimer Lecture, American Academy of Pediatrics, San Francisco, CA. "Current concepts of testicular descent." October, 1983.
2. Orange County Urological Society, Irvine, CA. "Current concepts regarding cryptorchidism." November, 1984.
3. San Diego Urological Association, San Diego, CA. "Newer aspects of the embryology and management of cryptorchidism." February, 1985.
4. Texas Medical Association, Dallas, Texas. "Hormonal therapy of prostate cancer." May, 1986.
5. Division of Urology, University of Texas, Dallas, Texas. "Hormonal therapy of testicular descent." "Mechanisms of testicular descent." May, 1986.
6. 125th Anniversary, Children's Hospital, Basel, Switzerland. "Hormonal Regulation of Testicular Descent." April, 1987.
7. European Society for Pediatric Endocrinology, Copenhagen, Denmark. "Hormonal and Surgical Therapy of Cryptorchidism." June, 1988.
8. Maryland Urological Society, Baltimore, Md. "Cryptorchidism-current concepts." November 1989.
9. Hawaiian Urological Association, Honolulu, HI. "Impotence." July, 1991.
10. Houston Urological Society, Houston, TX. "Impotence-current concepts." March, 1992.
11. Las Vegas Urological Society, Las Vegas, NV. "Impotence-current concepts." May, 1992.
12. Il Paulista Congress, Sao Paulo, Brazil. "Erectile Dysfunction-State of the art." November, 1992.
13. NIH, Consensus Development Conference on Impotence, Bethesda, Md. "Nitric Oxide and Erections." December, 1992.
14. Santa Clara County Medical Society, San Jose, CA. "Update on Impotence." June, 1993.
15. Bruce Stewart Lectureship, American Fertility Society, San Antonio, TX. "Do you NO how to get an erection?" November, 1994.
16. American Urological Association Lecture, Am. Society of Andrology, Long Beach, CA. "Impotence and nitric oxide: the future." March, 1998.
- 8 17. Orange County Urological Society, Irvine, CA. "Impotence: current concepts." September, 1999.

18. Rocky Mountain Urological Society, Denver, CO. "Erectile dysfunction: current concepts." Oct. 2001.
19. Western Section, AUA, Kuai, HI. State of the Art. "Erectile Dysfunction." October, 2002.
20. Western Section, AUA, Lake Las Vegas, NV. State of the Art. "Erectile Dysfunction." Nov. 2003.
21. Western Section, AUA, San Diego, CA. State of the Art. "Testosterone in the Aging Male." Aug. 2004.
22. Johns Hopkins Hospital, Walsh 30y Celebration, Baltimore, MD. "Role of NO in the penis." Oct. 2004.

#### INVITED PARTICIPANT

1. Discussant: Infertility Papers; Western Section, AUA, Kona, Hawaii. February, 1987.
2. Co-moderator: Infertility Research Poster Session; AUA, Anaheim, California. May, 1987.
3. Moderator: Male Infertility; American Fertility Society, Reno, Nevada. September, 1987.
4. Postgraduate Course Infertility 1987; American Fertility Society, Reno, Nevada. September, 1987.
5. Speaker: Cryptorchidism, Torsion and Other Scrotal Problems in Pediatric Urology, American College of Surgeons, San Francisco, California. October, 1987.
6. Moderator: Research Forum, Western Section, American Urologic Association, San Francisco, California. February, 1988.
7. Moderator: Urology/Andrology Forum, Pacific Coast Fertility Society, Palm Springs, California, April, 1988.
8. Speaker: Selection of Therapy for Impotency: Is Endocrine Evaluation Worthwhile? Endocrine Forum, AUA, Boston, MA. June, 1988.
9. Chairman, Poster Session, 6th Biennial Int'l Symposium for Corpus Cavernosum Revascularization and 3rd Biennial World meeting on Impotence, Boston, MA. October, 1988.
10. Moderator: Reproductive Biology and Related Endocrinology Forum Session, American College of Surgeons, Chicago, Ill. October, 1988.
11. Moderator: Research Forum, Western Section, AUA. Scottsdale, Arizona, March, 1989.
12. Moderator: Infertility Podium Session, AUA. Dallas, Texas, May, 1989.
13. Moderator: Male Infertility Session, American Fertility Society, SF, CA, November, 1989.
14. Moderator: Erectile Dysfunction. UCLA State of the Art-Urology, LA, CA., January 1990.
15. Moderator: Reproductive Biology and Related Endocrinology Forum Session, American College of Surgeons, San Francisco, CA. October, 1990.
16. Moderator: Podium Session, Pacific Coast Fertility Society, Indian Wells, CA. April, 1991.
17. Moderator: Infertility Poster Session, AUA, Toronto, CA. June, 1991.

18. Speaker: Cryptorchidism Plenary Session, AUA, San Antonio, TX. May, 1993.
19. Speaker: Urodynamics Society, 15th Annual Symposium, AUA, San Antonio, TX. May, 1993.
20. Moderator: Impotence Session, AUA, San Antonio, TX. May, 1993.
21. Moderator: Cryptorchidism Poster Session, Am Acad Peds, Wash., DC. October, 1993
22. Moderator: Impotence Session, Western Section, AUA, Palm Springs, CA. November, 1993
23. Moderator: Impotence Session, AUA, San Francisco, CA. May, 1994.
24. Moderator: Impotence Session, AUA, Las Vegas, NV. April, 1995.
25. Moderator: Impotence Session, AUA, Orlando, Fl. May, 1996.
26. Moderator: Management of Erectile Dysfunction, American College of Surgeons, SF, CA. October, 1996.
27. Moderator: Impotence Session, AUA, New Orleans, La. April, 1997.
28. Speaker: XI Conference of Italian Society of Andrology, Rome, Italy. October, 1997.
29. Speaker: Symposium on Sexual Dysfunction, ASRM, Toronto, CA. September, 1999.
30. Moderator: Society for the Study of Impotence, Boston, MA. October, 1999.
31. Moderator: Impotence Session, AUA, Atlanta, Ga. May, 2000.
32. Speaker, Postgraduate Course, Treatment of Erectile Dysfunction. AUA, Atlanta, Ga. May, 2000.
33. Moderator: Impotence Session, AUA, Anaheim, CA. June, 2001.
34. Speaker, Postgraduate Course, Treatment of Erectile Dysfunction. AUA, Anaheim, Ca. June, 2001.
35. Moderator, NFSHM Sexual Health School. Los Angeles, CA. June, 2001.
36. Speaker, Postgraduate Course, Int'l Society of Andrology, Montreal, Canada. June, 2001.
37. Debator, Sexual Medicine Society of North America, Charleston, SC. Oct., 2001.
38. Moderator, Peyronie's Disease Session, AUA, Orlando, FL. May 2002.
39. Speaker, Postgraduate Course, Diagnosis and Treatment of ED, AUA, Orlando, FL. May, 2002.
40. Moderator, Research Forum, Leading the way in sexual Health Science, ISSIR, Montreal, Canada. Spetember, 2002.
41. Moderator, Postgraduate Course, Andrology, Western Section, AUA. Kuauai, HI. October, 2002
42. Co-Moderator, Poster Session, Sexual Function/Dysfunction, AUA, Chicago, Il. April, 2003.
43. Speaker, Postgraduate Course, Diagnosis and Treatment of ED, AUA, Chicago, Il. April, 2003.
44. Speaker, Human Sexuality Course, Dept. of Psychiatry, UCLA School of Medicine, CA. May, 2003.

45. Speaker, NIH Conf., Urologic Complications of Diabetes, Bethesda, Md. December, 2003.
46. Speaker, American College of Physicians, Meet the Professor, New Orleans, LA. April, 2004.
47. Speaker, AUA/Confederacion Americana de Urologia, San Francisco, CA. May, 2004.
48. Speaker, Postgraduate Course, AUA, Erectile Dysfunction, San Francisco, CA. May, 2004.
49. Co-Moderator, Andrology Session, Western AUA, San Diego, CA. August, 2004.
50. Speaker, Postgraduate Course, AUA, Erectile Dysfunction, San Antonio, Tx. May, 2005.
51. Speaker, Postgraduate Course, AUA, Erectile Dysfunction, Atlanta, Ga. May 2006.

#### JOURNAL REVIEWER

1. Journal of Urology
2. Journal of Andrology
3. Fertility and Sterility
4. Journal of Clinical Endocrinology and Metabolism
5. New England Journal of Medicine
6. Journal of Clinical Investigation
7. Urology

#### JOURNAL EDITORSHIPS

1. Urology - Consulting Editor (until 1998).
2. Journal of Andrology - Associate Editor (past)
3. Reviews in Urology – Contributing Editor

#### VISITING PROFESSORSHIPS IN UROLOGY

1. The Johns Hopkins Hospital, Baltimore, MD. November, 1989.
2. University of Texas, Houston, TX. March, 1992.
3. University of Washington, Seattle, WA. September, 1993.
4. University of Colorado, Denver, CO. October 2001.
5. Washington Medical Center, Wash., D.C. December, 2003.
6. Boston University, Boston, MA. April, 2004.
7. Emory University, Atlanta, GA. June, 2004.

#### ADJUNCTIVE CERTIFICATION

1. Laser Surgery, Memorial Long Beach Medical Center, January, 1991.
2. Endoscopic Surgery, Harbor-UCLA Medical Center, July, 1991.

## BIBLIOGRAPHY

### Journals - Published

1. Rajfer J: Antonie van Leeuwenhoek (1632-1723). Invest. Urol. 14:83, 1976.
2. Rajfer J. and Walsh PC: Incidence of intersexuality in patients with hypospadias and cryptorchidism. J. Urol. 116: 769-770, 1976.
3. Rajfer J and Walsh PC.: Hormonal regulation of testicular descent: experimental and clinical observations. J. Urol. 118:985-990, 1977. (3rd Prize Lab. Research- Grayson Carroll Essay Contest - 1977).
4. Rajfer J, Coffey DS and Walsh PC: Effect of hormones in the newborn period on the development of the penis. Surg. Forum 2:570-573, 1977.
5. Rajfer J and Walsh PC.: Testicular descent normal and abnormal. Urol. Clin. N. Am. 5: (1): 223-235, 1978.
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### Book Chapters - Published

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- 54 Gonzalez-Cadavid NF and Rajfer J. The pleiotropic effects of inducible nitric oxide synthase (iNOS) on the physiology and pathology of penile erection. *Curr Pharm Des.*11:4041-6, 2005.
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PRESENTATIONS: National and Regional

1. American Urology Association, Las Vegas, Nevada. "What is the incidence of intersexuality in patients with both hypospadias and cryptorchidism?" 1976.
2. American Urological Association, Chicago, Illinois. "Urinary cytology in renal pelvic tumors" 1977.
3. American Urological Association, Chicago Illinois. "Important endocrinological events in the neonatal period" 1977.
4. American Urological Association, Chicago, Illinois. (3rd Prize Laboratory Research - Grayson Carroll Essay Contest). "Hormonal regulation of testicular descent: experimental and clinical observations" 1977.
5. American College of Surgeons, Dallas, Texas, "Effects of hormones in the newborn period on the development of the penis" 1977.
6. American Urological Association, Mid Atlantic Section, Homestead, Virginia. "Dysgenetic male pseudohermaphroditism." 1977.
7. American Urological Association, Washington, D.C. "Imprinting of the immature prostate gland: long term effects." (1st Prize Lab. Research-Grayson Carroll Essay Contest). 1978.
8. American College of Surgeons, Chicago, Illinois. "The ontogeny of the androgen receptor in the penis." 1979.
9. 1st Pan American Congress of Andrology, Caracas, Venezuela. "Dysgenetic male pseudohermaphroditism." "Hormonal factors regulating testicular descent" 1979.
10. Western Section, American Urological Association, Hawaii. "Dissolution of renal calculi with renacidin: Technical considerations" March, 1980.
11. Western Section, American Urological Association, Hawaii. "Association between Wilms' tumor & mixed gonadal dysgenesis." March, 1980.
12. American Urological Association, San Francisco, California, Poster Session. "Age-related changes in the androgen receptor in male sex tissues." June, 1980.
13. American Urological Association, San Francisco, California. Research Forum. "An endocrinological study of testicular descent in the rabbit: preliminary observations." June, 1980.
14. Association Alumni Convention, University of California, Irvine: Monterey, California, "Puberty-normal stages and abnormalities." July, 1980.
15. American College of Surgeons, Atlanta, Georgia. "Effect of sex hormones in the newborn period on the penile androgen receptor." October, 1980.
16. American College of Surgeons, Southern California Chapter, Santa Barbara, California. "Hormonal regulation of testicular descent in the rabbit." January, 1981.
17. Pan American Congress of Andrology, Mexico City, Mexico. "Cryptorchidism and testicular cancer." January, 1981.
18. American Fertility Society, Atlanta, Georgia. "Hormonal regulation of testicular descent in the rabbit." Associate Members Forum, March, 1981.

19. American Urological Association, Boston, Massachusetts. Poster Session I: "Reduction clitoroplasty via ventral approach" May, 1981.
20. American Urological Association, Boston, Massachusetts. Endocrine Urology Forum; Endocrine Function in Sexuality. "Pituitary-gonadal functions will aging" May, 1981.
21. Western Section, American Urological Association, Coronado, California. "CAT Scanning the impalpable testis" February, 1981.
22. Western Section, American Urological Association, Los Angeles, California. "Embryology and Physiology of Male Reproductive System" March, 1982.
23. Western Section, American Urological Association, Los Angeles, California. Panel Member "Recent Advances in the Diagnosis and Treatment of Male Infertility" March, 1982.
24. American Fertility Society, Las Vegas, Nevada. Director of Round Table Discussion on "Ambiguous Genitalia in the Newborn" March, 1982.
25. American Fertility Society, Las Vegas, Nevada. "Leydig Cell." Current concepts in Urology, March, 1982.
26. American Urological Association, Kansas City, Missouri. "Development of the Testis (including mechanisms of testicular descent)" May, 1982.
27. American Urological Association, Kansas City, Missouri. "Evaluation and Management of the Infertile Male" May, 1982.
28. Pacific Coast Fertility Society, Scottsdale, Arizona. "The pituitary gland is the primary site of action of GnRH agonist (D-Leu<sup>6</sup>, des Gly<sup>10</sup>-GnRH ethylamide in the male" October, 1982.
29. Interscience Conference on Antimicrobial Agents and Chemotherapy, Miami Beach, Florida. "Prostatic tissue levels following cefonicid administration" October, 1982.
30. Association for Academic Surgery, San Diego, California. "The pituitary gland is the primary site of action of GnRH agonist (D-leu, des Gly - GnRH ethylamide) in the male" November, 1982.
31. American Urological Association, Las Vegas, Nevada. "Endocrine influences on descent" April, 1982.
32. The Johns Hopkins Hospital Medical and Surgical Association Biennial Meeting, Baltimore, MD. "Testicular descent - new experimental observations." June, 1983.
33. American Urological Association Western Section, Vancouver, B.C. "The mechanism of action of GnRh analogs in man with prostate cancer." July, 1983.
34. American Academy of Pediatrics, San Francisco, CA. Urology Section. "Current concepts of testicular descent." October, 1983.
35. American Urological Association Postgraduate Seminar, Anaheim, CA. "Intersex and Endocrinology." October, 1983.
36. American Urological Association Postgraduate Seminar, Anaheim, CA. "Work-up of the Infertile male." October, 1983.
37. American Fertility Society, New Orleans, LA. "Synergism between intraabdominal pressure and DHT in testicular descent." April, 1984.

38. American Urological Association, New Orleans, LA. "Direct measure of intraabdominal pressure during during testicular descent." May, 1984.
39. American Urological Association, New Orleans, LA. "Effects of cryptorchidism on testicular steroidogenesis." May, 1984.
40. Western Section, American Urological Association, Reno, NV. "Impaired testosterone biosynthesis in cryptorchidism." July, 1984.
41. Western Section, American Urological Association, Reno, NV. "Mechanism of action of ketoconazole inhibition on testosterone biosynthesis," July, 1984.
42. Pacific Coast Fertility Society, Palm Springs, CA. "Effect of chronic gonadotropin-releasing hormone agonist therapy on testicular steroidogenesis," September, 1984.
43. Pacific Coast Fertilty Society, Palm Springs, CA. "Response of pituitary gland to increasing doses of intranasal gonadotropin-releasing hormone," September, 1984.
44. Pacific Coast Fertility Society, Las Vegas, NV. "Comparison between intranasal and parenteral buserelin<sup>R</sup> in suppressing testosterone in men with prostate cancer," April, 1985.
45. Pacific Coast Fertility Society, Las Vegas, NV. "Intratesticular steroids in rat testis exposed to ketoconazole." April, 1985.
46. Illrd International Congress of Andrology, Boston, MA. "Estrogens do not directly inhibit testicular steroidogenesis." April, 1985.
47. Illrd International Congress of Andrology, Boston, MA. "Effect of ketoconazole on gonadotropin stimulated steroidogenic enzyme activities in rat testis." April, 1985.
48. Federation Proceedings, Anaheim, CA. "Ketoconazole inhibits directly cytochrome P-450 associated enzyme activities to block testosterone biosynthesis in rat testis." April, 1985.
49. Pediatric Urology Update Seminar, Los Angeles, CA. "Recent advances in cryptorchidism." April, 1985.
50. American Urological Association, Atlanta, GA. "Management of the postpubertal cryptorchid patient: a statistical re-evaluation." May, 1985.
51. American Urological Association, Atlanta, GA. "Effect of in vitro ketoconazole on intra-testicular steroid concentrations." May, 1985.
52. The John Hopkins Hospital Biennial Meeting, Baltimore, MD. "Hormonal therapy of cryptorchidism-results of a randomized double-blind study comparing hCG and GnRH." June, 1985.
53. Illrd International Forum on Andrology, Paris, France. "Ontogeny of testosterone biosynthetic enzymes." June, 1985.
54. American Urological Association, Western Section, Anaheim, CA. "Lowered intratesticular testosterone in varicocele: potential cause of abnormal permatogenesis." July, 1985.
55. American Fertility Society, Chicago, Ill. "Embryology and anatomy of the male reproductive system." September, 1985.
56. American Fertility Society, Chicago, Ill. "Physiology of erection, emission and ejaculation." September, 1985.
57. American Fertility Society, Chicago, Ill. "Clinical evaluation of the infertile male." September, 1985.

58. UCLA State of the Art Urology Conference, Beverly Hills, CA. "Current concepts in the treatment of male infertility." October, 1985.
59. American Academy of Pediatrics, San Antonio, TX. "Comparison between hCG and GnRH in the treatment of cryptorchidism." October, 1985.
60. Aesculapian Lecture Series, Los Angeles, CA. "Urology at UCLA: New treatments for Impotency." March, 1986.
61. California Medical Association 115th Annual Scientific Assembly, Los Angeles, CA. "Infertility." March, 1986.
62. 32nd Annual Urology Seminar, Kansas City, MO. "Surgical treatment of male infertility." March, 1986.
63. 32nd Annual Urology Seminar, Kansas City, MO. "The use of alpha-blockers in the treatment of impotence." March, 1986.
64. 32nd Annual Urology Seminar, Kansas City, MO. "Differential diagnosis of ambiguous genitalia." March, 1986.
65. 32nd Annual Urology Seminar, Kansas City, MO. "Intranasal GnRH in the treatment of cryptorchidism." March, 1986.
66. Pacific Coast Fertility Society, San Diego, CA. "Lack of a direct inhibitory effect of estradiol on testosterone biosynthetic enzymes." April, 1986.
67. Harbor/UCLA Medical Center, Transplantation Update, Los Angeles, CA. "Salvaging surgical complications." April, 1986.
68. Texas Medical Association, Dallas, Texas. "Hormonal therapy of prostate cancer." May, 1986.
69. Visitor, Division of Urology, University of Texas, Dallas, Texas. "Hormonal therapy of cryptorchidism." May, 1986.
70. Visitor, Division of Urology, University of Texas, Dallas, Texas. "Mechanisms of testicular descent." May, 1986.
71. American Urological Association, New York. Male Infertility Postgraduate Course. "Medical Therapy of Male Infertility." May, 1986.
72. Western Section, American Urological Association, Seattle, WA. "Comparison Between HCG and GnRH in Treatment of Cryptorchidism." July, 1985.
73. Western Section, American Urological Association, Seattle, WA. "Salvage of Renal Transplants Utilizing Vesicopyelostomy." July, 1986.
74. American Fertility Society, Toronto, CA. "Effect of radiation on testicular steroidogenesis in the rat." September, 1986.
75. American Fertility Society, Toronto, CA. "Cyclosporine inhibits testosterone biosynthesis." September, 1986.
76. American Fertility Society, Toronto, CA. "Inhibition of testosterone biosynthesis following experimental varicocele in rat." September, 1986.

77. American Academy of Pediatrics, Washington, D.C. "Inhibition of testosterone biosynthesis in both testes by experimentally created unilateral varicocele." November, 1986.
78. American Academy of Pediatrics, Washington, D.C. "Association between abdominal wall defects and cryptorchidism." November, 1986.
79. State Of The Art: Urology, Los Angeles, CA. "Newer agents in the hormonal treatment of prostate cancer." November, 1986.
80. State Of The Art: Urology, Los Angeles, CA. "Use of dynamic cavernosography in the evaluation of impotence." November, 1986.
81. Sexual Science; Bridging the Disciplines With The Master Clinicians, Santa Monica, CA. "Evaluation of organic impotence using intra-cavernosal pressures." February, 1987.
82. The Johns Hopkins Hospital Biennial Meeting, Baltimore, MD. "Incidence of venous leaks in impotent men." June, 1987.
83. American Fertility Society, Reno, Nevada. "Male Factor: what the gynecologist should know." September, 1987.
84. American College of Surgeons, San Francisco, CA. "Hormonal therapy for undescended testicles." October, 1987.
85. American Society of Andrology, Houston, Texas. "Effect of cyclosporine on testosterone production in vitro by rat testis." March, 1988.
86. American Society of Andrology, Houston, Texas. Development of a monolayer culture of cavernosal smooth muscle cells and response of these cells to cGMP, cAMP, inositol 1,4,5-triphosphate and papaverine." March, 1988.
87. American Urological Assoc., Boston, MA. "Flow cytometry crossmatching in cadaveric renal transplantation. Is it necessary?" June, 1988.
88. American Urological Assoc., Boston, MA. "The hypoandrogenic effect of cyclosporine is reversible." June, 1988.
89. International Society of Impotence Research, Boston, MA. "Effect of papaverine, phenoxybenzamine and PGE, on Ca<sup>+2</sup> exchange in human cavernosal smooth muscle." October, 1988.
90. American College of Surgeons, Chicago, Ill. "Development of rat cavernosal smooth muscle cell culture and its response to papaverine." October, 1988.
91. American Academy of Pediatrics, San Francisco, CA. "Recovery of testicular blood flow following ligation of testicular vessels." October, 1988.
92. Western Section, Am. Urol. Assoc., Scottsdale, Az. "Cavernosography after failed penile ligation." March, 1988.
93. Am. Soc. Andrology, New Orleans, La. "VIP does not have a direct relaxing effect on human cavernosal smooth muscle." April, 1989.
94. American Urological Association, Dallas, Texas. "Correlation between penile angiography and duplex scanning of cavernosal arteries in impotent men." May, 1989.
95. American Urological Association, Dallas, Texas. "Use of biopsy gun for transcutaneous testicular biopsies." May, 1989.

96. American Academy of Pediatrics, Chicago, Ill. "Long-term effects of prepubertal testicular vessel ligation on testicular function." October, 1989.
97. American Academy of Pediatrics, Chicago, Ill. "Effect of 5-alpha reductase inhibition on testicular descent." October, 1989.
98. Postgraduate Review in Urology, San Diego, Ca. "Management of undescended testis." November, 1989.
99. Postgraduate Review in Urology, San Diego, Ca. "Management of testicular torsion." November, 1989.
100. Maryland Urological Society, Baltimore, Md. "The undescended testis-current concepts." November, 1989.
101. UCLA State of the Art-Urology, Los Angeles, CA. "Intracorporeal injections to diagnose and treat erectile dysfunction." January, 1990.
102. UCLA State of the Art-Urology, Los Angeles, CA. "Maintenance of fertility in testis cancer patients." January, 1990.
103. Pacific Coast Fertility Society, Scottsdale, Az. "Failure of immunocolumn separation technique to remove antisperm antibodies from human semen." April, 1990.
104. Pacific Coast Fertility Society, Scottsdale, Az. "Identification of motile sperm in the caput epididymis." April, 1990.
105. Western Section, American Urological Association, Monterey, CA. "Endocrine evaluation of penile erection." "Pharmacologic erection therapy." "Semi-rigid prostheses." October, 1990.
106. Pediatric Urology, AUA, San Diego, CA. "Recent advances in cryptorchidism." "More than you ever wanted to know about intersex." November, 1990.
107. American Society of Andrology, Montreal, CA. "The mediator of human corpus cavernosum relaxation is nitric oxide." April, 1991.
108. FASEB, Atlanta, Ga. "Nitric oxide is responsible for nonadrenergic noncholinergic (NANC) relaxation of corpus cavernosum leading to penile erection in rabbit and man." April, 1991.
109. The Johns Hopkins Medical and Surgical Association Biennial Meeting, Baltimore, MD. "Do you NO how to get an erection?" June, 1991.
110. Society of Pediatric Urology, Toronto, CA. "Embryology of the testis." June, 1991.
111. Society of Pediatric Urology, Toronto, CA. "Hormonal therapy of cryptorchidism. June, 1991.
112. Western Section, AUA, Vancouver, B.C. "Laparoscopic varicocelectomy-preliminary report." July, 1991.
113. Western Section, AUA, Vancouver, B.C. "Laparoscopic evaluation of gonads in the patient with ambiguous genitalia." July, 1991.
114. American College of Surgeons, Chicago, Ill. "Nitric oxide mediation of human corpus cavernosum relaxation." October, 1991.
115. State-of-the-Art: Urology, Los Angeles, CA. "Fundamentals of vas deferens repair." February, 1992.

116. AUA Infertility Seminar, Puerto Vallarta, CA. "Mechanisms of testicular descent." "Vasovasostomy and Vasoepididymostomy." "Current concepts in the physiology and evaluation of impotence." February, 1992.
117. Houston Urological Society, Houston, TX. "Impotence-current concepts." March, 1992.
118. AUA, Washington, DC. "Endogenous biochemical control mechanisms in erection." Endocrine Forum, May, 1992.
119. AUA, Wahsington, DC. "Long-terms results of penile vein ligation for venous leakage." May, 1992.
120. 5th World Meeting on Impotence, Milan, Italy. "Intraurethral prostaglandin E2 cream: an alternative treatment for erectile dysfunction." September, 1992.
121. 5th World Meeting on Impotence, Milan, Italy. "Long-term results of venous leakage surgery." September, 1992.
122. Am. Fert. Society, Postgraduate Course, New Orleans, La. "Laparoscopic varicocele." November, 1992.
123. Il Paulista Congress, Sao Paulo, Brazil. "Venous surgery -results." "Physiology of erection." "Vas deferens agenesis: what to do?" November, 1992.
124. NIH, Consensus Development Conference on Impotence, Bethesda, Md. "Nitric Oxide and Erections." December, 1992.
125. Urodynamics Society Meeting, AUA, San Antonio, TX. "Pharmacologic Management of erectile dysfunction." May, 1993.
126. AUA, Male Infertility Postgraduate Course, San Antonio, TX. "Hypothalamic-pituitary-gonadal (HPG) axis and control of spermatogenesis." May, 1993.
127. Santa Clara County Medical Society, San Jose, CA. "Update on Impotence." June, 1993.
128. State-of-the-Art: Urology, Los Angeles, CA. "A practical diagnostic and treatment algorithm for male infertility." "A practical diagnostic and treatment algorithm for erectile dysfunction." January, 1994.
129. American Fertility Society, San Antonio, TX. "Do you NO how to get an erection?" November, 1994.
130. American Urological Association, Impotence Postgraduate Course, Washington, D.C. "Pathophysiology of Erectile Dysfunction" "Intracavernous Pharmacotherapy" "Management of Sexual Dysfunction in the Year 2000." December, 1994.
131. State-of-the-Art: Urology, Los Angeles, CA. "A practical diagnostic and treatment algorithm for male infertility." "A practical diagnostic and treatment algorithm for erectile dysfunction." February, 1995.
132. Western Urologic Forum, Puerta Vallarta, MX. "Penile NOS activity is DHT dependent." March, 1995.
133. The Johns Hopkins Hospital, Biennial Meeting, Baltimore, MD. "Diabetes and impotence." June, 1995.
134. Teton Urological Society, Jackson Hole, WY. "Physiology of erection" "Treatment of impotence" "Clinical evaluation of the infertile male" "Vasovasostomy and vasoepididymostomy" "Surgery for Peyronie's disease" January, 1996.
135. State-of-the-Art: Urology, Los Angeles, CA. "A practical diagnostic and treatment algorithm for male infertility." "Laser prostatectomy." February, 1996.

136. Western Urologic Forum, Maui, HI. "Passive smoking and penile erection." February, 1996.
137. American Urological Association, Impotence Postgraduate Course, Orlando, FL. "Endocrine evaluation of impotence" "Venous Surgery-does it work?" "DICC and arteriography " "NO and erections." May, 1996.
138. American College of Surgeons, Panel Discussion, SF, CA. "Medical treatment of impotence" "Impotence-the future." October, 1996.
139. VII World Meeting on Impotence, SF, CA. "Correction of erectile dysfunction by iNOS in the penis." November, 1996.
140. State-of-the-Art: Urology, Los Angeles, CA. "A practical diagnostic and treatment algorithm for impotence." " February, 1997.
141. University of Southern California, Comprehensive approach to the treatment of Type 11 Diabetes Mellitus and its chronic complications, Anaheim, CA. "Pharmacological approach to the management of impotence in men with diabetes." April, 1997.
142. Society for the Study of Impotence, New Orleans, La. "Does hypoxemia cause penile fibrosis?" April, 1997.
143. American Urological Association, Endocrine Forum, New Orleans, La. Medical Management of Impotency. Current Practice. "What's ahead. Future developments." April, 1997.
144. Western Urological Forum, Sedona, Az. "Gene therapy of erectile dysfunction." May, 1997.
145. Western Section AUA, Postgraduate Course, Los Angeles, CA. "Algorithm for male infertility." May, 1997.
146. The Halsted Society, Los Angeles, Ca. "Gene therapy for erectile dysfunction." September, 1997.
147. Western Section, AUA, Salt Lake City, Ut. "Peyronie's disease." September, 1997.
148. XI Conference of Italian Society of Andrology, Rome, Italy. "Gene therapy of impotence." October, 1997.
149. NYU Postgraduate Course, New York, NY. "Update on injection Therapy" "Practical Work-up of erectile dysfunction" "Male Menopause" "Gene therapy of erectile dysfunction." December, 1997.
150. State-of-the-Art: Urology, Los Angeles, CA. "Update on MUSE and sildenafil." February, 1998.
151. American Society of Andrology, Long Beach, CA. "Impotence and nitric oxide: the future." "From erection to ejaculation: what can go wrong?" March, 1998.
152. Association of Military Osteopathic Physicians and Surgeons, Albuquerque, NM. "Impotence-Current Concepts." April, 1998.
153. American Geriatrics Society, Seattle, WA. "New Horizons:Emerging Therapeutic Options for erectile dysfunction." May, 1998.
154. Endocrine Society, New Orleans, CA. "Physiology of erectile dysfunction." June, 1998.
155. Colegio Jaliscience de Urologos, Guadalajara, Mx. "Male Infertility." "Erectile Dysfunction." July, 1998.
156. Call to Action, Governor Pete Wilson's Conference for Women, Long Beach, CA. "Sex: Women, Men and Hormones!" October, 1998.

157. American College of Emergency Physicians, San Diego, CA. "Separating fact from Hype: Viagra and cardiac risk factors in the ED." October, 1998.
158. Endocrine Grand Rounds, Baylor College of Medicine, Houston, Tx. "Impotence: Current Concepts." January, 1999.
159. State-of-the-Art: Urology, Los Angeles, CA. "Sildenafil-efficacy, side effects, use after radical prostatectomy." February, 1999.
160. Kaiser Post-Graduate Course, Universal City, CA. "Sexual dysfunction and the dialysis patient." March, 1999
160. National Cardiology Advisory Meeting, Miami, FL. "Viagra and erectile dysfunction." April, 1999.
161. Society for the Study of Impotence, Dallas, Tx. Panel: "Impotence Evaluation in the era of effective oral medication: what to do when sildenafil fails." May, 1999.
162. State-of-the Art Lecture, AUA, Dallas, Tx. "Oral Sildenafil: one year later." May, 1999.
163. 26th Annual UCLA Family Practice Refresher Course, Santa Monica, Ca. "Erectile Dysfunction: evaluation and management." May, 1999.
164. Orange County Urologic Society, Anaheim, Ca. "Oral Treatment of ED." September, 1999.
165. American College of Surgeons, Postgraduate Course, Urological Surgery, SF, Ca. "Gene Therapy." October, 1999.
166. American Society of Nephrology, Miami Beach, FL. "Pathophysiology of ED." November, 1999.
167. State-of-the-Art: Urology, Los Angeles, CA. "The medical treatments of impotence – 2000 comparing the new oral treatments." February, 2000.
168. Medical Society of Santa Cruz, Monterey, CA. "What's up doc? Seniors and Sex." April, 2000.
169. Western Urologic Forum, Carmel, CA. "Some hard facts about Peyronie's disease." May, 2000.
170. Mayo Clinic, Kona, HI. Contemporary Issues in Adult Clinical Urology: Sexual Dysfunction. "Diagnostic Evaluation in the Era of Oral Therapies" "Surgical Management of ED" "MESA/TESE/TESE" February, 2001.
171. Western Urologic Forum, Honolulu, HI. "Gene Therapy of ED with Electroporation." March, 2001.
172. Las Vegas Urological Society, Las Vegas, NV. "Erectile Dysfunction: current concepts." May, 2001.
173. American Urological Association, Postgraduate Course, Anaheim, CA. "Practical physiology and pharmacology of erectile dysfunction." "Gene therapy for erectile dysfunction."
174. International Society of Andrology, Postgraduate Course, Montreal, CA. "Gene therapy of erectile dysfunction." June, 2001.
175. San Diego Urological Society, San Diego, CA. "Erectile dysfunction." June, 2001.
176. Kaiser and Las Vegas Urological Society, Las Vegas, NV. "ED: Update." August, 2001.
177. Rocky Mountain Urological Society, Denver, CO. "Erectile Dysfunction: current concepts." October, 2001.

178. National Foundation for Sexual Health Medicine, Los Angeles, CA. "Managing Sexual Health in men and women." October, 2001.
179. Sexual Medicine Society of North America, Charleston, SC. "Is smoking an independent risk factor for erectile dysfunction?" December, 2001.
180. Nephrology Grand Rounds, Harbor-UCLA Medical Center, Torrance, CA. "Erectile Dysfunction." January, 2002.
181. Women's Sexual Health, State-of-the-Art Series, Santa Monica, CA. "The role of the male partner; the impact of male sexual dysfunction on female sexual function and response." February, 2002.
182. State-of-the-Art: Urology, Los Angeles, CA "Impotence: what is new?." February, 2002.
183. Western Urologic Forum, Phoenix, AZ. "Hypertension and Impotence: is it the same disease." February, 2002.
184. Endocrine Forum, AUA, Orlando, FL. "Medical Management of ED." May, 2002.
185. AUA Postgraduate Course, Orlando, FL. "Practical Physiology of Erection." "Gene therapy of ED." May, 2002.
186. Western Section, AUA, State of the Art, Kuauai, HI. "Erectile Dysfunction." October, 2002.
187. Postgraduate Course, Western Section, AUA, Kuauai, HI. "ED" "Peyronie's Disease." October, 2002.
188. St. Joseph's Hospital, Medical Grand Rounds, Phoenix, AZ. "ED: current concepts." January, 2003.
189. State-of-the-Art: Urology, Los Angeles, CA. "Androgen therapy in the aging man: what the urologist should know." "Update on the medical therapy of erectile dysfunction." February, 2003.
190. Prostatic Disease and Testosterone Replacement Conference, Vail, CO. "Experiences with testosterone replacement therapy and prostatic diseases." February, 2003.
191. Society for the Scientific Study of Sexuality, Los Angeles, CA. "Erectile Dysfunction: current medical concepts." March, 2003.
192. Western Urological Forum, Maui, HI. "Pathophysiology of Peyronie's disease." March, 2003.
193. California Association for Nurse Practitioners, Monterrey, CA. "Erectile Dysfunction." March, 2003.
194. American College of Physicians, San Diego, CA. "PDE-5 Inhibitors." April, 2003.
195. American College of Physicians, San Diego, CA. Multiple Small Feedings of the Mind – Men's Health. April, 2003.
196. San Diego Urological Society, San Diego, CA. "Update on ED." August, 2003.
197. Tri-State Urological Society, Santa Barbara, CA. "Future of ED." September, 2003.
198. Russian Medical Society, Beverly Hills, CA. "Erectile Dysfunction." October, 2003.s
199. Western Section, AUA, State of the Art, Lake Las Vegas, CA. "Erectile Dysfunction." November, 2003.
200. Perspectives in Urology, Point-Counterpoint, Phoenix, AZ. "Management of ED." "Prostate cancer and testosterone replacement." "Testosterone levels increase risk of prostate cancer." November, 2003.
201. Washington Medical Center, Grand Rounds, Wash.DC. "ED: where are we headed?" December, 2003.

202. University of Maryland Conference, Balt., MD. "ED:where are we headed?" December, 2003.
203. NIH, Urologic Complications of Diabetes, Bethesda, Md. "Diabetes and ED." December, 2003.
204. Orange County Urological Society, Irvine, CA. "Update on ED." January, 2004.
205. State-of-the-Art: Urology, Los Angeles, CA. "Update on ED." March, 2004.
206. University of California, Irvine, Urology Grand Rounds, Irvine, CA. "Pharmacokinetics of PDEi." March, 2004.
207. Western Urologic Forum, Sonoma, CA. "Gene therapy for Peyronie's Disease." April, 2004.
208. Baylor University, Grand Rounds, Houston, TX. "ED." April, 2004.
209. American College of Physicians, New Orleans, LA. "What to do when Viagra fails?" "What to do with a rising PSA in the normal range?" "How often to biopsy a prostate with a PSA of 4 – 10?" April, 2004.
210. Boston University, Internal Medicine Grand Rounds, Boston, MA. "Relationship between ED and hypertension." April, 2004.
211. AUA, Postgraduate Course, SF, CA. "Practical physiology of ED." "Future of ED treatments." May, 2004.
212. Kaiser Permanente, Hospital Grand Rounds, LA, CA. "What is new in ED." June, 2004.
213. UCLA Clinical Faculty Symposium, Diabetes Update: 2004, Los Angeles, CA. "Diabetes and ED." June, 2004.
214. Emory University, Urology Grand Rounds, Atlanta, GA. "The Aging Male and his penis." June, 2004.
215. Perspectives in Men's Health, SF, CA. "Controversies with TRT: what do I tell my patients?" July, 2004.
216. Northwestern University, Urology Grand Rounds, Chicago, Ill. "ED: what awaits all men." Sept., 2004.
217. Medical College of Wisconsin, Urology Grand Rounds, Milwaukee, WI. "ED: what awaits all men." October, 2004.
218. The Johns Hopkins Hospital, Patrick C. Walsh Celebration, Baltimore, MD. "Role of NO in the penis." Oct, 2004.
219. Perspectives in Men's Health, Atlanta, Ga. "Controversies with TRT: what do I tell my patients" November, 2004.
220. Urology Grand Rounds, UCSF, SF, Ca. "ED: what awaits all men." January, 2005.
221. State-of-the-Art: Urology, Los Angeles, CA. "Work-up for infertility: case studies." March, 2005.
222. Western Urological Forum, Phoenix, AZ. "ED & Radical Retropubic Prostatectomy." March, 2005.
223. AUA, Postgraduate Course, San Antonio, Tx. "Practical physiology of ED." "Are all PDE5i alike?" May, 2005.

224. Sexual Medicine Society, AUA, San Antonio, Tx. PD debate. May, 2005.
225. AUA, Plenary Session, San Antonio, Tx. "Varicocele : which treatment is best?" May, 2005.
226. Perspectives in Men's Health, New York, NY. "Controversies with TRT." June, 2005.
227. Perspectives in Men's Health, Santa Monica, CA. "Controversies with TRT." October, 2005
228. Perspectives in Men's Health, Las Vegas, NV. "Controversies with TRT." October, 2005.
229. Perspectives in Men's Health, Philadelphia, PA. "Controversies with TRT." November, 2005.
230. Chicago Urological Society, Chicago, Il. "Penopause – what awaits all men." December, 2005.
231. Texas Assoc. of GU Surgeons, San Diego, CA. "Discovery of NO." January, 2006.
232. Martin A. Robbins Memorial Symposium, Baltimore, Md. "Peyronie's disease: a model for aging." "Prevention of ED post RRP- is it realistic?" March, 2006.
233. Western Urological Forum, La Jolla, CA. "Preservation of Corporal Tissue following cavernosal nerve resection." March, 2006.
234. Baylor Urology Update, Dallas, Tx. "Prevention of ED: fact or fiction?" March, 2006.
235. State of the Art, UCLA Urology, Los Angeles, CA. "Male Infertility: case studies." March, 2006.
236. Minnesota Urological Association, Minn., MN. "Male Infertility." April, 2006.
237. Sexual Medicine Society, AUA, Atlanta, Ga. "Endothelial cell or smooth muscle dysfunction and ED: is it one or the other? " May, 2006.
238. CAU, AUA, Atlanta, Ga. "Male Infertility." May, 2006.
239. AUA, Postgraduate Course, Atlanta, Ga. "Physiology of Erection." "PDE5 inhibitors: safety and efficacy." May, 2006.