CURRICULUM VITAE

Deborah R. Erickson, M.D.

I. Personal Information:

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University of Kentucky College of Medicine Fax: (859) 323-1944 Chandler Medical Center, 800 Rose St, MS 275A Email: dreric2@uky.edu

Lexington, Kentucky 40536-0298

II. Education:

August 1976-May 1980 B.S., Summa cum Laude, Northern Illinois University, DeKalb,

Illinois

August 1980-May 1984 M.D., Magna cum Laude, University of Missouri-Columbia School

of Medicine, Columbia, Missouri

III. Professional Education:

July 1984-June 1985 Internship, General Surgery, University of Texas Health Science

Center, San Antonio, Texas

July 1985-June 1990 Residency, Urology, University of Texas Health Science Center, San

Antonio, Texas

July 1990-June 1991 Fellowship, Female Urology and Neurourology, University of

California, Los Angeles, California

IV. Board Certification:

1993 American Board of Urology

2002 American Board of Urology, Recertified2011 American Board of Urology, Recertified

V. <u>Licensure:</u>

 1986-1991
 Texas

 1990-1991
 California

 1991-2004
 Pennsylvania

 2004-present
 Kentucky

VI. Hospital Privileges:

University of Kentucky Medical Center, Lexington, KY Veteran's Affairs Medical Center, Lexington, KY

VII. Present Position:

December 2004 – 2014 Professor of Surgery, Department of Surgery, Division of

Urology

University of Kentucky College of Medicine

Lexington, KY

July 2014 – present Professor of Urology, Department of Urology

University of Kentucky College of Medicine

Lexington, KY

VIII. Previous Positions:

July 1990 – June 1991 Clinical Instructor, Department of Urology

University of California, Los Angeles

Los Angeles, CA

July 1991 – June 1997 Assistant Professor of Surgery, Division of Urology

Pennsylvania State University College of Medicine

Hershey, PA

July 1997 – June 2003 Associate Professor of Surgery, Division of Urology

Pennsylvania State University College of Medicine

Hershey, PA

July 1999 – August 2004 Adjunct/Joint Appointment, Department of Biochemistry

and Molecular Biology

Pennsylvania State University College of Medicine

Hershey, PA

July 2003 – August 2004 Professor of Surgery, Division of Urology

Pennsylvania State University College of Medicine

Hershey, PA

IX. Research Experience:

See Section XVI, Research Support

X. Awards and Honors:

| 1976-1980 | Northern Illinois University Scholar (full academic scholarship) |
|-----------|--|
| 1979 | Elected to Phi Kappa Phi |
| 1980 | University of Missouri-Columbia Curators' Scholarship |
| 1980 | Phi Kappa Phi National Graduate Study Fellowship |
| 1981 | Award for Academic Excellence in Biochemistry, University of Missouri- |
| | Columbia School of Medicine |
| 1983 | Elected to Alpha Omega Alpha |
| 1996 | Pfizer Scholars in Urology Award (inaugural award) |
| 1996 | Hershey Business and Professional Women's Club, Woman of the Year |
| 2001 | National Foundation for Continence, Outstanding Female Urologist Award (inaugural award) |
| 2001 | Nominee, Pennsylvania State University College of Medicine, Class of 2001 |
| 2001 | Clinical Teaching Award |
| 2002 | Listed in America's Top Doctors, Castle Connolly, 2002 edition. |
| 2002 | Paul Zimskind Award for Continued Excellence and Leadership in the Field |
| | of Voiding Dysfunction, Society for Urodynamics and Female Urology |
| 2003 | Faculty Humanism in Surgery Award, Department of Surgery, Pennsylvania |
| | State University College of Medicine |
| 2004 | Texas Trailblazer in Urology Award (Outstanding Urology Alumnus |
| | Award, University of Texas Health Science Center at San Antonio) |
| 2004 | Listed in Best Doctors in America, 2003-2004 edition |
| 2005 | Outstanding Young Physician Award, University of Missouri Medical |
| | Alumni Organization |
| 2005 | Listed in Best Doctors in America, 2005-2006 edition |
| 2006 | Award for Excellence in Teaching Medical Students, Department of |
| | Surgery, University of Kentucky College of Medicine |
| 2007 | Award for Excellence in Resident Teaching, Division of Urology, |
| | University of Kentucky College of Medicine |
| 2007 | Listed in Best Doctors in America, 2007-2008 edition |
| 2008 | Award for Excellence in Resident Teaching, Department of Surgery, |
| | University of Kentucky College of Medicine |
| 2009 | Listed in Best Doctors in America, 2009-2010 edition |
| 2010 | Award for Excellence in Resident Teaching, Department of Surgery, |
| | University of Kentucky College of Medicine |
| 2011 | Listed in Best Doctors in America, 2011-2012 edition |
| 2011 | Award for Excellence in Student and Resident Teaching, Department of |
| | Surgery, University of Kentucky College of Medicine |
| 2012 | Listed in Best Doctors in America, 2013 edition |
| 2012 | Listed as a Top Urologist in Lexington, KY by the International Association |
| | of Healthcare Professional |
| 2012 | Society of Women in Urology Christina Manthos Mentoring Award |
| 2012 | Award for Excellence in Student and Resident Teaching, Department of |
| | Surgery, University of Kentucky College of Medicine |

| 2012 | Article "Gene Expression Analysis of Urine Sediment: Evaluation for |
|------|---|
| | Potential Noninvasive Markers of Interstitial Cystitis/Bladder Pain |
| | Syndrome" (J Urol 2011 Dec 16), selected by the Faculty of 1000 (F1000) |
| 2013 | Listed in Best Doctors in America, 2014 edition |
| 2014 | Award for Excellence in Student and Resident Teaching, Department of |
| | Surgery, University of Kentucky College of Medicine |
| 2014 | Vitals Patients' Choice Award |
| 2015 | Listed in Best Doctors in America, 2015-2016 edition |

XI. Professional Memberships:

| 1979 – present | Phi Kappa Phi |
|-----------------------|--|
| 1983 – present | Alpha Omega Alpha |
| 1991 – present | Society for Women in Urology |
| 1991 - 2004 | Hershey Surgical Society |
| 1991 – 2004 | Pennsylvania State University Faculty Organization |
| | Elected Counselor – 1994 |
| | Elected Parliamentarian – 1995 |
| | Elected Counselor – 2000 |
| 1991 – 2004 | Pennsylvania State University Faculty Organization |
| 1992 – present | Society for Urodynamics and Female Urology |
| 1992 - 2004 | Urological Association of Pennsylvania |
| 1993 – present | American Urological Association |
| 2003 - 2004 | Samuel Hinkle Society |
| 2005 - 2010 | Lexington Medical Society |
| 2005 - 2010 | Society for Basic Urologic Research |
| 2009 – present | International Continence Society |
| | |

XII. Committees:

| 1993 – 1994 | Planning Committee, National Institute of Diabetes, Digestive and Kidney Diseases Symposium on Women's Urological Health Research |
|-------------|---|
| 1994 – 1995 | Pennsylvania State University College of Medicine, Women's Health Center Study Group |
| 1994 – 1996 | Pennsylvania State University College of Medicine, Integrative Science Electives Task Force |
| 1994 – 2004 | Pennsylvania State University College of Medicine, Department of Surgery Research Committee |
| 1995 – 1996 | Pennsylvania State University College of Medicine, Comprehensive Surgical Care Board |
| 1995 – 1997 | Publications, Presentations and Ancillary Studies Subcommittee, National Institute of Diabetes, Digestive and Kidney Diseases Interstitial Cystitis Data Base |

| 400 - 400 - | |
|----------------------------|--|
| 1995 – 1997 | Patient Classification Working Group, National Institute of Diabetes, |
| 400 - 400 - | Digestive and Kidney Diseases Interstitial Cystitis Data Base |
| 1995 – 1997 | Patient Outcomes Working Group, National Institute of Diabetes, Digestive |
| 1005 1005 | and Kidney Diseases Interstitial Cystitis Data Base |
| 1995 – 1997 | Treatments/Medications Working Group, National Institute of Diabetes, |
| 1004 100 | Digestive and Kidney Diseases Interstitial Cystitis Data Base |
| 1996 – 1997 | Scientific Board, University of Wisconsin-Madison Medical School, George |
| 1007 1000 | O'Brien Research Center Proposal |
| 1996 – 1999 | Special Women's Issues in Urology Committee, |
| 1007 2001 | American Urological Association |
| 1996 – 2001 | Pennsylvania State University College of Medicine, Alpha Omega Alpha |
| 100₩ | Nominating Committee Chair, 2000-2001 |
| 1997 | Planning Committee, National Institute of Diabetes, Digestive and Kidney |
| 1005 | Diseases, Research Areas in Interstitial Cystitis |
| 1997 | Co-chair, Urologic and Kidney Conditions Working Group, |
| | National Institutes of Health Workshop, Beyond Hunt Valley: Research on |
| 1998 | Women's Health for the 21 st Century |
| 1990 | Pennsylvania State University College of Medicine, Task Force on Women's Health in the Curriculum |
| 1998 – 1999 | Treatment and Study Design Committee, National Institute of Diabetes, |
| 1770 - 1777 | Digestive and Kidney Diseases, Interstitial Cystitis Clinical Trials Group |
| 1998 – 1999 | Pennsylvania State University College of Medicine, Committee to Revise |
| 1,,,, | the Constitution of the Faculty Organization |
| 1998 – 2004 | Pennsylvania State University College of Medicine, Interdisciplinary Course |
| | Committee: Cellular and Molecular Basis of Medical Practice |
| 2001 | Pennsylvania State University College of Medicine, Convocation Awards |
| | Committee |
| 2002 | Nominating Committee, Society for Urodynamics and Female Urology |
| 2002 - 2003 | Planning Committee, Interstitial Cystitis Association/National Institute of |
| | Diabetes, Digestive and Kidney Diseases Scientific Symposium on |
| | Interstitial Cystitis |
| 2001 - 2002 | Pennsylvania State University College of Medicine, Search Committee for |
| | Chair, Department of Obstetrics and Gynecology |
| 2002 - 2004 | Pennsylvania State University College of Medicine, Search Committee for |
| | Chair, Department of Pathology |
| 2002 - 2004 | Pennsylvania State University College of Medicine, Promotion and Tenure |
| 2002 | Committee, Department of Surgery |
| 2003 | Pennsylvania State University College of Medicine, Special Review |
| 20024 | Committee, Tobacco Block Grants |
| 2003 – present | Advisory Board, National Institute of Child Health and Human |
| 2003 – 2008 | Development, Pelvic Floor Disorders Network Chair, Data and Safety Monitoring Board and Ancillary Studies Evaluation |
| 4003 — 4000 | Chair, Data and Safety Monitoring Board and Ancillary Studies Evaluation Committee, National Institute of Diabetes, Digestive and Kidney Diseases, |
| | Urological Pelvic Pain Collaborative Research Network |
| 2005 – 2006 | Department of Internal Medicine Six-Year Review Committee |
| 2005 – 2006 2005 – 2006 | College of Medicine, Pre-op Anesthesia Clinic Task Force |
| 2002 2000 | Conogo of modicino, i to op i modificata cinito rask i ofco |

| 2005 – 2006 | Chair, Planning Committee, Interstitial Cystitis Association/National |
|-----------------------|--|
| 2003 – 2000 | Institute of Diabetes, Digestive and Kidney Diseases Scientific Symposium: |
| | Frontiers in Painful Bladder Syndrome and Interstitial Cystitis Research |
| 2005 – 2006 | Planning Committee, American Urological Association/Society for Basic |
| 2005 — 2000 | Urologic Research Summer Research Conference: Urothelial Biology |
| 2006 – 2007 | Search Committee for Chair, Department of Surgery |
| 2006 – 2013 | Dean's Research Advisory Affairs Group, University of Kentucky |
| 2007 – 2010 | Sample Access Review Panel for the NIDDK Central Repositories, |
| 2007 — 2010 | National Institute of Diabetes, Digestive and Kidney Diseases |
| 2007 – 2008 | External Advisory Committee, NIDDK Rand Interstitial Cystitis |
| 2007 2000 | Epidemiology Project |
| 2008 | Search Committee for Chair, Dept of Neurosurgery, University of Kentucky |
| 2008 – 2009 | Program Committee, Translational/Basic Science Program, Society for |
| 2000 2002 | Urodynamics and Female Urology 2009 Winter Meeting |
| 2008 – 2010 | American Urological Association Guideline Development Panel for |
| | Interstitial Cystitis: Diagnosis and Management |
| 2008 - 2011 | Policy and Procedures Advisory Committee, University of Kentucky |
| 2008 – present | External Evaluation Group, NIDDK Multidisciplinary Approach to the |
| • | Study of Chronic Pelvic Pain (MAPP) Research Network |
| 2009 - 2010 | Nominating Committee, Society for Urodynamics and Female Urology |
| 2009 - 2010 | Practice Plan Review Committee, Department of Surgery, University of |
| | Kentucky |
| 2009 - 2010 | Program Committee, Translational/Basic Science Program, Society for |
| | Urodynamics and Female Urology 2010 Winter Meeting |
| 2009 – present | External Advisory Board, Neurophysiolgic and Autonomic Characteristics |
| | of IC/PBS, PI Thomas Chelimsky, Case Western University |
| 2009 – present | Scholarship and Awards Committee, Phi Kappa Phi, University of Kentucky |
| | Chapter |
| 2010 – 2011 | Program Committee, Translational/Basic Science Program, Society for |
| | Urodynamics and Female Urology 2011 Winter Meeting |
| 2011 – 2012 | Electronic Medical Records Committee, University of Kentucky |
| 2011 – present | Curriculum Committee, University of Kentucky |
| 2012 | Review Committee, American Urological Association Guidelines for Adult |
| 2012 | Urodynamics |
| 2012 – present | UK HealthCare Patient Safety Team |
| 2013 – 2014 | American Urological Association Guideline Development Panel for |
| 2015 | Interstitial Cystitis: Diagnosis and Management, Literature Update |
| 2015 | University of Kentucky College of Medicine Faculty Council |

XIII. Other Significant Scholarly, Research or Administrative Experience:

Teaching Activities:

"Urodynamics: Value and Pitfalls"

Urology Conference, Hershey, Pennsylvania, September 25, 1991

"Urinary Incontinence: Approach to Evaluation and Treatment" Current Concepts in Family Medicine, Hershey, Pennsylvania, November 5, 1991

"Evaluation and Treatment of Incontinence in Women" Obstetrics and Gynecology Grand Rounds, Hershey, Pennsylvania, November 6, 1991

"Management of Incontinence" Internal Medicine Consultation Conference, Hershey, Pennsylvania, December 4, 1991

"Evaluation and Treatment of Female Incontinence" Urology Conference, Hershey, Pennsylvania, January 8, 1992

"Vesicovaginal Fistula" Surgery Grand Rounds, Hershey, Pennsylvania, January 22, 1992

"Evaluation and Treatment of Incontinence in Women" Geisinger Medical Center, Danville, Pennsylvania, March 3, 1992

"Urinary Tract Pathophysiology" Pennsylvania State University College of Medicine Pathology Course, March 24, 1992

"Vaginal Surgery for the Urologist" American Urological Association, Washington, D.C., May 11, 1992

"Urinary Incontinence: Approach to Evaluation and Treatment"
Mercy Hospital Continuing Medical Education, Wilkes-Barre, Pennsylvania, January 8, 1993

Developed Urogynecology elective for senior medical students Interdisciplinary course with Divisions of Urology and Gynecology Pennsylvania State University College of Medicine, 1993

"Lower Urinary Tract Function after Spinal Cord Injury" Surgery Grand Rounds, Hershey, Pennsylvania, January 13, 1993

"Interstitial Cystitis" Urology Conference, Hershey, Pennsylvania, April 14, 1993

"Urologic Aspects of Neurologic Disease" Neurosurgery Seminar Series, Hershey, Pennsylvania, April 28, 1993

"Vaginal Surgery for the Urologist" American Urological Association, San Antonio, Texas, May 17, 1993

"Application of New Technologies to the Treatment of Urinary Incontinence" Urological Association of Pennsylvania/Maryland Urologic Association, Baltimore, Maryland, June 12, 1993

"Urinary Tract Infections in Females"
Carlisle Hospital Continuing Medical Education, Carlisle, Pennsylvania, October 1, 1993

"Anterior and Posterior Repair" Urology Conference, Hershey, Pennsylvania, October 6, 1993

"Vaginal Surgery for the Urologist" Urodynamic Club of Quebec, Montreal, Quebec, Canada, November 25, 1993

"Urodynamics: A Review and What is New" Urology Conference, Hershey, Pennsylvania, January 5, 1994

"Urologic Aspects of Neurologic Disease" Neurosurgery Seminar Series, Hershey, Pennsylvania, February 2, 1994

"Women's Urologic Issues" Pennsylvania State's Hershey Medical Center Seminar Series, May 25, 1994

"Urinary Incontinence: A Practice Approach for Primary Care Physicians" Carlisle Hospital Continuing Medical Education, Carlisle, Pennsylvania, September 16, 1994

"Testis and Prostate Cancers"

Pennsylvania State University Cancer Education and Awareness Program for Nurses, Hershey, Pennsylvania, September 26, 1994

"Urinary Incontinence Update"

University of Missouri Medical Alumni Organization and Continuing Medical Education, Columbia, Missouri, October 7, 1994

"Urologic Aspects of Neurologic Disease" Neurosurgery Seminar Series, Hershey, Pennsylvania, November 30, 1994

"Urinary Incontinence Update"
Current Concepts in Family Medicine, Hershey, Pennsylvania, May 16, 1995

"Vesicovaginal Fistula"

York Hospital Obstetrics and Gynecology Grand Rounds, York, Pennsylvania, August 23, 1995

"Update on Female Incontinence" Urology Conference, Hershey, Pennsylvania, October 11, 1995

"Update on Treatments for Urinary Incontinence" Surgery Grand Rounds, Hershey, Pennsylvania, November 22, 1995

"Interstitial Cystitis"

Urology Conference, Hershey, Pennsylvania, January 10, 1996

"Voiding Dysfunction Associated with Neurologic and Medical Diseases" Urology Conference, Hershey, Pennsylvania, March 27, 1996

"Septic Shock"

American Urological Association Section Seminar, Philadelphia, Pennsylvania, March 29, 1996

"Update on Treatments for Urinary Incontinence"

Women's Health Care Conference, Pennsylvania State University Continuing Education, Hershey, Pennsylvania, October 16, 1996

"Incontinence Update"

Internal Medicine Consultation Conference, Hershey, Pennsylvania, October 16, 1996

"Statistics: What is Significant?"

Urology Conference, Hershey, Pennsylvania, November 27, 1996

"Interstitial Cystitis: Research Advances and Clinical Pearls"
Internal Medicine Consultation Conference, Hershey, Pennsylvania, December 11, 1996

Update and revisions of three cases for case-based learning Reproduction, Development and Renal Interdisciplinary Course Pennsylvania State University College of Medicine, January 1997

"Statistical Testing: Why we do it and What it Means" Surgery Grand Rounds, Hershey, Pennsylvania, February 13, 1997

"Neuro-Urology"

Neurosurgery Seminar Series, Hershey, Pennsylvania, March 27, 1997

"Hope and Help for Incontinence"

Pennsylvania State University Continuing Education: "Women's Health: Ages and Stages" Harrisburg, Pennsylvania, April 5, 1997

"Genitourinary Problems in Primary Care"

Pennsylvania State University School of Nursing, Hershey, Pennsylvania, April 9, 1997

"Office Urogynecology"

American Urological Association Postgraduate Course, New Orleans, Louisiana, April 13, 1997

"Incontinence and Outpatient Urology"

Altoona Hospital Continuing Medical Education, Altoona, Pennsylvania, May 1, 1997

"Interstitial Cystitis"

Pennsylvania State University Continuing Education: "Current Concepts in Family Medicine" Hershey, Pennsylvania, October 7, 1997

"Urodynamics: Tests, Inhibitors and Pitfalls" Urology Conference, Hershey, Pennsylvania, October 15, 1997

"Evaluation of the Painful Bladder"

15th Annual Houston Everett Memorial Course in Urogynecology, Johns Hopkins Medical Institutions, Baltimore, Maryland, February 27, 1998

"Management of Complications of Incontinence Surgery"
15th Annual Houston Everett Memorial Course in Urogynecology, Johns Hopkins Medical Institutions, Baltimore, Maryland, February 28, 1998

"Statistics Review"

Urology Conference, Hershey, Pennsylvania, May 13, 1998

"Office Urogynecology"

American Urological Association Postgraduate Course, San Diego, California, June 2, 1998

"Interstitial Cystitis"

Hershey Medical Center Continuing Medical Education, Hershey, Pennsylvania, June 25, 1998

"Interstitial Cystitis"

Urology Grand Rounds, Wayne State University School Of Medicine Detroit, Michigan, September 25, 1998

"Female Incontinence and Overactive Bladder"

Medical Grand Rounds, Hershey, Pennsylvania, December 8, 1998

"Irritative Bladder Symptoms"

Obstetrics and Gynecology Grand Rounds, Hershey, Pennsylvania, January 7, 1999

"Evaluation and Treatment of Incontinence: Primary Care Approach" Internal Medicine Resident Conference, Hershey, Pennsylvania, January 14, 1999

"Lower Urinary Tract Pathopysiology" Pennsylvania State University College of Medicine

Reproduction, Development and Renal Course, April 1, 1999

"Septic Shock"

Basic Concepts in Urology Lecture Series, Philadelphia, Pennsylvania, April 3, 1999

"Interstitial Cystitis: Bladder Permeability and Intravesical Treatments" Society for Urodynamics and Female Urology, Dallas, Texas, May 1, 1999

"Office Urogynecology"

American Urological Association Postgraduate Course, Dallas, Texas, May 3, 1999

"Neurogenic Bladder"

Neurosurgery Seminar Series, Hershey, Pennsylvania, September 2, 1999

"Urologic Issues in Pelvic Floor Pathology"

American College of Surgeons Clinical Congress, San Francisco, California, October 12, 1999

"Interstitial Cystitis: Diagnosis and Treatment"

Hershey Medical Center Nursing Education Series, Hershey, Pennsylvania, October 21, 1999

"Interstitial Cystitis Research: A Continuing Journey"

Pennsylvania State University College of Medicine, Elements of Clinical Research Course, Hershey, Pennsylvania, December 9, 1999

"Renal Masses, Benign Prostatic Hyperplasia and Obstruction" Basic and Clinical Science Series for General Surgery Residents, Hershey, Pennsylvania, December 14, 1999

"Incontinence Update"

Current Concepts in Family Medicine, Hershey, Pennsylvania, March 7, 2000

"Urethritis and Interstitial Cystitis, Septic Shock, and Sexually Transmitted Diseases" American Urological Association Annual Review Course, Dallas, Texas, March 10, 2000

"Lower Urinary Tract Pathopysiology"

Pennsylvania State University College of Medicine

Reproduction, Development and Renal Course, March 28, 2000.

"Office Female Urology"

American Urological Association Postgraduate Course, Atlanta, Georgia, May 1, 2000

"Highlights: Voiding Dysfunction/Incontinence"

American Urological Association, Atlanta, Georgia, May 3, 2000

"Basics of Female Urology, Physiology and Urodynamics"

Obstetrics and Gynecology Grand Rounds, Hershey, Pennsylvania, May 18, 2000

Facilitator, Case-based Learning, Pennsylvania State University College of Medicine Hershey, Pennsylvania, November 17, 20, 22, 2000

"Interstitial Cystitis Research: A Continuing Journey" Pennsylvania State University College of Medicine, Elements of Clinical Research Course, Hershey, Pennsylvania, November 21, 2000

"Incontinence Update"

Internal Medicine Resident Conference, Hershey, Pennsylvania, November 30, 2000

"Interstitial Cystitis"

Medical Society of Delaware, Newark, Delaware, January 26, 2001

"Urethritis and Interstitial Cystitis, Septic Shock, and Sexually Transmitted Diseases" American Urological Association Annual Review Course, Chicago, Illinois, March 23, 2001

"Lower Urinary Tract Pathopysiology"

Pennsylvania State University College of Medicine

Renal, Reproduction and Development Course, Hershey, Pennsylvania, April 5, 2001.

"Urethritis and Interstitial Cystitis, Septic Shock, and Sexually Transmitted Diseases" Society of Urologic Nurses and Associates, Hershey, Pennsylvania, May 15, 2001

"Incontinence"

Internal Medicine Clinical Conference, Hershey, Pennsylvania, May 21, 2001

"Office Female Urology"

American Urological Association Postgraduate Course, Anaheim, California, June 3, 2001

"Anterior and Posterior Repair"

Penn State University Nursing Education and Professional Development, Women's Health Update Hershey, Pennsylvania, October 5, 2001

"Lower Urinary Tract Pathopysiology"

Pennsylvania State University College of Medicine

Renal, Reproduction and Development Course, Hershey, Pennsylvania, October 23, 2001

"Urethritis and Interstitial Cystitis, Septic Shock, and Sexually Transmitted Diseases" American Urological Association Annual Review Course, Chicago, Illinois, March 23, 2002

Facilitator, Case-based Learning, Pennsylvania State University College of Medicine, Hershey, Pennsylvania, April 4, 9, 11, 16, 2002

"Interstitial Cystitis Research: A Continuing Journey"

Pennsylvania State University College of Medicine, Elements of Clinical Research Course, Hershey, Pennsylvania, April 16, 2002

"Evaluation and Treatment of Urge Incontinence"

Pennsylvania State University Continuing Education: "Women's Health: Ages and Stages" Harrisburg, Pennsylvania, May 9, 2002

"Office Female Urology"

American Urological Association Postgraduate Course, Orlando, Florida, May 27, 2002

"Take-Home Messages: Female Urology and Incontinence"

American Urological Association Annual Meeting, Orlando, Florida, May 30, 2002

Facilitator, First year Medical Student, Patient Communications Course

Pennsylvania State University College of Medicine, Hershey, Pennsylvania, August 22, 2002

"Evaluation and Treatment of Urge Incontinence"

Obstetrics and Gynecology Grand Rounds

Hershey, Pennsylvania, September 25, 2002

"Lower Urinary Tract Pathopysiology"

Pennsylvania State University College of Medicine

Renal Medicine Course, Hershey, Pennsylvania, October 24, 2002

"Diagnostic Dilemmas in Interstitial Cystitis"

University of Pennsylvania Urology Grand Rounds, November 14, 2002

"Septic Shock"

Basic Concepts in Urology Lecture Series, Philadelphia, Pennsylvania, December 21, 2002

"Interstitial Cystitis Research: A Continuing Journey"

Pennsylvania State University College of Medicine, Elements of Clinical Research Course, Hershey, Pennsylvania, February 28, 2003

Facilitator, Case-based Learning

Pennsylvania State University College of Medicine, Hershey, Pennsylvania

April 3, 8, 10, 15, 2003

"Office Female Urology"

American Urological Association Postgraduate Course, Chicago, Illinois, April 30, 2003

"Urethritis and Interstitial Cystitis, Septic Shock, and Sexually Transmitted Diseases"

American Urological Association Annual Review Course, Chicago, Illinois, May 30, 2003

"Bacterial Cystitis, Pyelonephritis and Urosepsis"

Pennsylvania State University College of Medicine

Renal Medicine Course, Hershey, Pennsylvania, November 4, 2003

"Lower Urinary Tract Pathopysiology" Pennsylvania State University College of Medicine Renal Medicine Course, Hershey, Pennsylvania, November 6, 2003

"Interstitial Cystitis Research: A Continuing Journey" Pennsylvania State University College of Medicine, Elements of Clinical Research Course, Hershey, Pennsylvania, November 13, 2003

"Bacterial Cystitis, Pyelonephritis and Urosepsis" Pennsylvania State University College of Medicine, Nephrology Didactic Conference Hershey, Pennsylvania, March 4, 2004

"Diagnostic Dilemmas in Interstitial Cystitis" University of Kentucky Urology Grand Rounds, March 9, 2004

Facilitator, Case-based Learning, Pennsylvania State University College of Medicine Hershey, Pennsylvania, April 1, 8, 13, 15, 2004

"Urinary Tract Infections and Sexually Transmitted Diseases" Pennsylvania State University College of Medicine, Surgery Didactic Conference Hershey, Pennsylvania, April 20, 2004

"Interstitial Cystitis, Chronic Pelvic Pain, Female Urinary Incontinence Work Up and Treatment" American Urological Association Postgraduate Course, San Francisco, California, May 11, 2004 Course Co-director

"Estrogens and the Aging Genitourinary Tract" Geriatrics Grand Rounds Hershey, Pennsylvania, May 21, 2004

"Urethritis and Interstitial Cystitis, Septic Shock, and Sexually Transmitted Diseases" American Urological Association Annual Review Course, Dallas, Texas, June 18, 2004

"Estrogens and the Aging Genitourinary Tract" Internal Medicine Resident Conference Hershey, Pennsylvania, June 24, 2004

"Treatments for Interstitial Cystitis: Past, Present, Future" Society for Urodynamics and Female Urology, Orlando, Florida, February 24, 2005

"Female Urology: The Evaluation and Treatment of Incontinence and Interstitial Cystitis" American Urological Association Postgraduate Course, San Antonio, Texas, May 22, 2005

"Urethritis and Interstitial Cystitis, Sexually Transmitted Diseases and Urinary Tract Infections" American Urological Association Annual Review Course, Dallas, Texas, June 10, 2005

"Bladder Epithelium in Interstitial Cystitis"
University of Kentucky College of Medicine, Department of Surgery Research Symposium Lexington, Kentucky, September 28, 2005

"Drug Therapy for Incontinence – What's New"

New Techniques in Urinary Incontinence and Female Urology, Washington University School of Medicine Continuing Education, St. Louis, Missouri, October 29, 2005

"What's New in the Treatment of Urinary Incontinence?" University of Kentucky College of Medicine, Department of Surgery Grand Rounds Lexington, Kentucky, January 11, 2006

"Update on Treatments for Urinary Incontinence" University of Kentucky College of Medicine, Women's Health Grand Rounds Lexington, Kentucky, June 26, 2006

"Neurogenic Bladder"

University of Kentucky College of Medicine, Neurology Grand Rounds Lexington, Kentucky, September 18, 2007

"Interstitial Cystitis: Where we Were, Where we Are and Where we Need to Go" University of Kentucky College of Medicine, Department of Surgery Research Symposium Lexington, Kentucky, October 16, 2007

"Incontinence Surgery"
Society of Urologic Nurses and Associates
Lexington, Kentucky, November 13, 2007

"Urinary Incontinence in the Elderly" University of Kentucky College of Medicine, Surgery Grand Rounds Lexington, Kentucky, February 6, 2008

"Interstitial Cystitis"

Center for Advancement of Women's Health Ground Rounds Lexington, Kentucky, March 25, 2008

Preceptor for two MSI students for MD 815: Patient Centered Medicine/Patients, Physicians and Society. Longitudinal Clinical Experience. Students: Henry Holt, Matthew McRoberts, weekly clinic from November 2007 to May 2008

Preceptor for Katie McKinney, PGY-3 in Internal Medicine, weekly clinic in December 2007 and May 2008

"Incontinence in the Elderly"
University of Kentucky College of Medicine 39th Annual Family Medicine Review Lexington, Kentucky, May 15, 2008

Preceptor for MSI students for MD 815: Patient Centered Medicine/Patients, Physicians and Society. Longitudinal Clinical Experience. Student: Eloho Ufomata, weekly clinic from November 2008 to May 2009

Preceptor for Krista Preston, PGY-3 in Obstetrics and Gynecology, clinic and Surgery, June 15, 2009 to July 31, 2009

Preceptor for two MSI students for MD 815: Patient Centered Medicine/Patients, Physicians and Society. Longitudinal Clinical Experience. Students: Karen Tran, Sarah Wing, weekly clinic from November 2009 to May 2010

Preceptor for MSI student for MD 815: Patient Centered Medicine/Patients, Physicians and Society. Longitudinal Clinical Experience. Student: Peng Zang, weekly clinic from November 2010 to May 2011

Preceptor for PGY-2 Obstetrics and Gynecology residents, weekly clinic from December 2010 to June 2011. Residents were Drs. Kristen Lady, Andrea Tucker, Heather Murphy, Catherine Schuller and Aaron Ferda

Preceptor for Internal Medicine residents, weekly clinic from October 2011 to December 2011. Residents were Drs. Jessica Fairchild and John Watson

Developed Urology portion of Renal System course for 2nd year medical students, created and presented 4 lectures and 2 hours of interactive learning, 2013

Developed Urology portion of Renal System course for 2nd year medical students, re-organized and revised the 2014 presentations based on student feedback, presented 4 lectures and 2 hours of interactive learning, 2014

Study Section Activities:

| 1994, 2002 | Ad hoc reviewer, National Institutes of Health, |
|-------------|--|
| | Division of Research Grants, Small Business Initiative |
| 1997 – 2001 | Member, National Institute of Diabetes, Digestive and Kidney Diseases, |
| | Urology Special Emphasis Panel |
| 2001 | Ad hoc reviewer, National Institute of Diabetes, Digestive and Kidney |
| | Diseases, Special Review Committee for RFA DK01-108, Urinary |
| | Incontinence Treatment Network |
| 2001 | Ad hoc reviewer, National Institutes of Health, |
| | Respiratory and Applied Physiology Study Section |
| 2002 | Ad hoc reviewer, National Institutes of Health, |
| | Nephrology/Urology SBIR Study Section |
| 2002 | Ad hoc reviewer, National Institute of Diabetes, Digestive and Kidney |
| | Diseases, Urology Special Emphasis Panel |

2003 Ad hoc reviewer, National Institute of Diabetes, Digestive and Kidney

Diseases, Mid-Course Administrative Review of the Boston Area Community Health (BACH) Epidemiologic Survey of Urological

Conditions – coverage of Interstitial Cystitis (IC) and Chronic Pelvic Pain

2007 Ad hoc reviewer, National Institutes of Health,

Cell & Molecular Biology of the Kidney Study Section

Ad hoc reviewer, National Institutes of Diabetes, Digestive and Kidney 2008

Diseases, Urology Special Emphasis Panel

Ad hoc reviewer, National Institute of Diabetes, Digestive and Kidney 2009

Diseases, Challenge Grant proposals

Consulting Activities:

1993

2000

2000

1990 - 1992 Agency for Health Care Policy and Research

> Guideline Development Panel for Urinary Incontinence in Adults Health America of Central Pennsylvania, Harrisburg, Pennsylvania

Rodale Press, Emmaus, Pennsylvania 1993 - 1995

1993 – present Information Office,

National Institute of Arthritis, Diabetes, Digestive and Kidney Diseases

2005 Interstitial Cystitits Case Definition Panel, RAND Corporation, Santa

Monica, California

2008 Trillium Therapeutics, Toronto, Ontario, Canada

Agency for Healthcare Research and Quality: Quality Indicator Validation **2008** – **present**

Project

2009 NeurAxon, Toronto, Ontario, Canada

Reviewing Activities:

(Other than journals, for journals see section XV)

| 1998 | Reviewer | 1000 American | Urological Association | n Convention Program, |
|------|-----------|---------------|------------------------|------------------------|
| 1770 | Keviewei, | 1999 American | Olological Association | i Convention i logiam, |

Abstract Categories: Urodynamics/Incontinence/Female Urology

1999 Reviewer, 2000 American Urological Association Convention Program,

Abstract Categories: Urodynamics/Incontinence/Female Urology

1999 Reviewer, Society for Urodynamics and Female Urology 2000 Meeting 2000 Reviewer, 2001 American Urological Association Convention Program, Abstract Categories: Urodynamics/Incontinence Evaluation/Female Urology

> Reviewer, Interstitial Cystitis Association Pilot Research Program Reviewer, Interstitial Cystitis Association, Fishbein Foundation

Ad hoc reviewer, American Foundation for Urologic Disease 2002

Guest Editor, Urologic Clinics of North America, Urologic Issues and 2005 - 2007

Pregnancy, February 2007.

2006 Reviewer, Society for Urodynamics and Female Urology 2007 Meeting Reviewer, 2007 American Urological Association Convention Program, 2006

Abstract Categories: Interstitial Cystitis/Female Urology

Reviewer, Society for Urodynamics and Female Urology, 2008 Meeting 2007

| 2007 | Reviewer, 2008 American Urological Association Convention Program, Abstract Categories: Interstitial Cystitis/Female Urology |
|------|---|
| 2008 | Pathophysiology and Evaluation of Incontinence, Prolapse and Voiding Dysfunction, AUA Course on Female Urology and Voiding Dysfunction |
| 2008 | Reviewer, 2009 American Urological Association Convention Program, Abstract Categories: Interstitial Cystitis/Female Urology |
| 2009 | Reviewer, 2010 American Urological Association Convention Program, Abstract Categories: Urodynamics/Incontinence/Female Urology: Urodynamic Testing |
| 2010 | Poster Session: OAB, IC and Pelvic Pain, Society for Urodynamics and Female Urology 2010 Winter Meeting |
| 2010 | Poster Session: Urodynamics/Incontinence/Female Urology: Incontinence- Evaluation & Therapy 1 American Urological Association Annual Meeting |
| 2012 | Reviewer, Multiple Sclerosis Society of Canada Operating Grant Program |

Sessions Moderated:

| 1995 | Podium Session, 1995 IC Research Symposium |
|------|---|
| | National Institute of Diabetes, Digestive and Kidney Diseases |
| 1996 | Scientific Section III: Urologic Cancer Research, Renal Cancer Surgery, |
| | Neurogenic Bladder and Interstitial Cystitis |
| | American Urological Association, Mid-Atlantic Section Annual Meeting |
| 1997 | Session IV: Clinical Oral Presentations, |
| | Society for Urodynamics and Female Urology Annual Meeting |
| 1999 | Poster Session 8: Female Urology (I), |
| | American Urological Association Annual Meeting |
| 1999 | Podium Session: Immunology, Inflammation and Infection |
| | National Institute of Diabetes, Digestive and Kidney Diseases and |
| | National Bladder Foundation International Bladder Symposium |
| 2000 | Podium Session: Evaluating Outcomes of Incontinence Surgery |
| | Society for Urodynamics and Female Urology Annual Meeting |
| 2001 | Poster Session 8: Female Urology (I), |
| | American Urological Association Annual Meeting |
| 2003 | Poster Session: Interstitial Cystitis |
| | American Urological Association Annual Meeting |
| 2003 | Session IV: Insights Into Urothelial Function |
| | Research Insights Into Interstitial Cystitis: |
| | A Clinical and Basic Science Symposium (sponsored by NIDDK and ICA) |
| 2006 | Conservative, Pharmacological and Minimally-Invasive Treatment of |
| | Incontinence and Prolapse, |
| | American Urological Association Course on Female Urology and Voiding |
| | Dysfunction |
| 2007 | Podium Session: Voiding Dysfunction/Neurology |
| | American Urological Association Southeastern Section Annual Meeting |
| | |

| 2007 | Podium Session: Infections/Inflammation of the Genitourinary Tract: |
|------|---|
| 2000 | Kidney & Bladder (II). American Urological Association Annual Meeting |
| 2008 | Panel discussion: Urothelium – Translational Research on Interstitial Cystitis Society for Urodynamics and Female Urology 2008 Winter Meeting |
| 2008 | Podium Session: Incontinence: Evaluation & Therapy (I) |
| | American Urological Association Annual Meeting |
| 2008 | Pathophysiology and Evaluation of Incontinence, Prolapse and Voiding |
| | Dysfunction |
| | AUA Course on Female Urology and Voiding Dysfunction |
| 2010 | Poster Session: OAB, IC and Pelvic Pain |
| | Society for Urodynamics and Female Urology 2010 Winter Meeting |
| 2011 | Podium Session: Multidisciplinary Approach to Pelvic Pain |
| | Society for Urodynamics and Female Urology 2011 Winter Meeting |
| 2011 | Poster Session: Urodynamics/Incontinence/Female Urology: Urodynamic |
| | Testing, American Urological Association Annual Meeting |
| 2013 | Poster Session: Infections/Inflammation of the Genitourinary Tract: Kidney |
| | and Bladder (II), American Urological Association Annual Meeting |
| 2013 | Case Presentations in Neurogenic Voiding Dysfunction |
| | AUA Course on Female Urology and Voiding Dysfunction |
| 2014 | Panel Discussion: Surgery for IC/PBS: Why, When, Who and What |
| | Society for Urodynamics, Female Pelvic Medicine and Urogenital |
| | Reconstruction 2014 Winter Meeting |

XIV. Editorial Boards:

| 2003 – present | Editorial Board, Neurourology and Urodynamics |
|----------------|--|
| 2004 - 2007 | Assistant Editor, The Journal of Urology |
| 2005 - 2007 | Guest Editor, Urologic Clinics of North America, |
| | Urologic Issues and Pregnancy, February 2007 |
| 2008 – present | Associate Editor, The Journal of Urology |
| 2008 – present | Honorary Editorial Board, Open Access Journal of Urology |

XV. Editorial Consultant/Reviewer:

| 1993 – present | Ad hoc reviewer, The Journal of Urology |
|-----------------------|--|
| 1993 – present | Ad hoc reviewer, Urology |
| 1999 | Ad hoc reviewer, The American Journal of Physiology |
| 2001 - 2003 | Ad hoc reviewer, Neurourology and Urodynamics |
| 2003 – present | Ad hoc reviewer, BJU International |
| 2003 | Ad hoc reviewer, Expert Opinion on Pharmacotherapy |
| 2003 | Ad hoc reviewer, Journal of Surgical Research |
| 2007 – present | Ad hoc reviewer, Archives of Internal Medicine |
| 2008 – present | Ad hoc Reviewer, Expert Opinion on Pharmacology |
| 2009 – present | Ad hoc reviewer, International Journal of Immunopathology and Pharmacology |

2010 – present Ad hoc reviewer, International Urogynecology Journal

XVI. Research Support:

Current:

NIDDK R01DK93496-01

"MIF: A Pro-Inflammatory Cytokine as a Novel Target to Reduce Bladder Inflammation"

PI: Pedro Vera Co-Investigator 2.5% effort

4/12-3/17

Completed:

NIH Biomedical Research Support Grant

S07 RR05654-19, Subgrant #21

"Biochemical Differentiation of Benign Prostatic Hyperplasia from Prostatic Adenocarcinoma"

3/87-3/88 \$5,750

Pennsylvania State University Research Initiation Grant

"Mechanism of Altered Adrenergic Response in Chronic Bladder Obstruction"

7/92-6/93 \$9,632

Kidney Foundation of Central Pennsylvania

"HLA Antigens in Patients with Interstitial Cystitis"

6/93-9/94 \$2,000

Interstitial Cystitis Association

"Urinary Inflammatory Mediators in Interstitial Cystitis"

12/93-11/95 \$9,950

Kidney Foundation of Central Pennsylvania

"Molecular Mechanisms of Bacterial Uropathogenesis"

10/94-12/95 \$2,500

NIDDK R01 DK-93-19

Co-Investigator 5% effort

"Role of Glycoconjugates in Bladder Disorders of Women"

5/94-4/97 Direct Cost \$353,758

NIDDK, PHS 1U01 DK 45859-01

Co-Investigator 5% effort

"Data Coordinating Center for Interstitial Cystitis Data Base"

9/92-7/98 Direct Cost \$1,268,067

NIDDK, PHS DK-97-011 Co-investigator 10% effort

"Interstitial Cystitis Clinical Trials Group Data Coordinating Center"

3/98-2/99 Direct cost \$3,002,516

NIDDK R01 DK-95-007

Principal Investigator 25% effort

"Role of Intravesical Pressure in Bladder Development"

10/96-90/99 Direct cost \$100, 000

This grant was funded through a Shannon award from the National Institutes of Health

Interstitial Cystitis Association

Principal Investigator

"Urinary Markers of Interstitial Cystitis" 7/98-7/99 Direct cost \$29,490

NIDDK R29 DK-57266

Co-Investigator 5% effort

"Innovative Intravesical Treatment Approach for Interstitial Cystitis"

9/99-9/02 Direct cost \$224,895

NIDDK R01 DK-57281 Principal Investigator 20% effort

"Urine and Bladder Markers of Interstitial Cystitis" 9/99-9/06 Direct cost \$850,000, 9/99-9/06

Pennsylvania State University College of Medicine Dean's Feasibility Grant

Co-Investigator 5% effort

"Urinary Tract Infections and Cancers: Involvement of Meprin Metalloproteinases"

6/03-6/04 Direct Cost \$30,000

University of Kentucky Microarray Pilot Program

"Alterations in Bladder Epithelial Gene Expression in Interstitial Cystitis"

6/06-12/06 Direct cost \$5,000

University of Kentucky Surgery Department Research Grant

"Innovative Markers to Evaluate Bladder Epithelium in Interstitial Cystitis"

5/07-5/08 Direct cost \$31,000

Interstitial Cystitis Association

"Noninvasive Test of Bladder Epithelium in Interstitial Cystitis"

5/09-4/10 Direct cost \$18,760

Clinical Grants:

University Physicians Practice Site Grant

D.R. Erickson, Department of Surgery and R.C. Pees, Department of Obstetrics and Gynecology "Biofeedback Therapy for Female Urinary Incontinence," August 1995 \$22,900

XVII. Patents:

Not applicable

XVIII. Research Fellows, Graduate Students and Postdoctoral Fellows:

| 1995 | Angela Martin, MS I |
|-------------|--|
| | Urine Glycosaminoglycans in Interstitial Cystitis |
| 1996 | Peter Tucker, M.D. |
| | Urinary and Bladder Epitectin in Interstitial Cystitis |
| 1997 | Geoffrey Bisignani, M.D. |
| | Investigation of Bladder Epithelial Development |
| 1997 | Nika Harmon, MS I |
| | Development of a Direct Bladder Permeability Test |
| 1999 – 2000 | Kelly Morgan, MS III |
| | Non-Bladder Related Symptoms in Interstitial Cystitis |
| 2003 - 2004 | Graduate Student Committee, Heather Kenney Basehore, |
| | Department of Biochemistry and Molecular Biology |

XIX. <u>Visiting Professorships:</u>

"Interstitial Cystitis: Research Advances and Clinical Pearls" George Washington University Medical Center, Washington, D.C., November 8, 1995

"Interstitial Cystitis Research: History and Update" University of Wisconsin-Madison Medical School, November 18, 1996

"Evaluation and Treatment of Incontinence" Thomas Jefferson University Urology, Philadelphia, Pennsylvania, February 18, 1999

"Diagnosis and Treatment of Interstitial Cystitis/Bladder Pain Syndrome" UT Southwestern Medical Center, Dallas, Texas November 15, 2011

"Nonsurgical Treatment of Incontinence in Elderly Women" UT Southwestern Medical Center, Dallas, Texas November 16, 2011

"IC/Bladder Pain Syndrome: Dogma, Science and Clinical Practicality" Washington University, St. Louis, Missouri, October 25, 2013

"Evaluation and Treatment of Recurrent Urinary Tract Infections in Women" Washington University, St. Louis, Missouri, October 25, 2013

"Female Bladder Control Problems: What You Can Do and What Your Health Professional Can Do" University of Illinois College of Medicine, Peoria, Illinois, September 10, 2014

"STDs and Adolescence" University of Illinois College of Medicine, Peoria, Illinois, September 11, 2014

XX. <u>Invited Lectureships:</u>

"Bladder Neck Suspension for Anatomic Stress Incontinence"
UCLA State of the Art Conference, Los Angeles, California, February 8, 1991

"Women's Urologic Health"

Harrisburg Area Community College Women's Conference, Harrisburg, Pennsylvania, October 23, 1993

"Geriatric Urinary Incontinence" Geriatric Interest Group Seminar, Hershey, Pennsylvania, March 16, 1995

"Bladder Management after Cerebrovascular Accident" Adult Rehabilitation Service Seminar, Hershey, Pennsylvania, July 10, 1995

"Interstitial Cystitis: Untangling the Web" Surgery Research Conference, Hershey, Pennsylvania, September 27, 1995

"Role of Glycoconjugates in Interstitial Cystitis"
Surgery Research Conference, Hershey, Pennsylvania, February 27,1996

"Testis and Prostate Cancers"

Central Pennsylvania Oncology Group Seminar, Hershey, Pennsylvania, December 4, 1996

"Urine and Bladder Epitectin in Interstitial Cystitis" Surgery Research Conference, Hershey, Pennsylvania, January 7, 1997

"Interstitial Cystitis: Exploring the Frontier" Phi Kappa Phi Centennial Celebration, New Orleans, Louisiana, August 1, 1997

"Treatment of Female Stress Incontinence"

Panel Discussion, American Urologic Association, Mid-Atlantic Section Annual Meeting Hot Springs, Virginia, September 30, 1997

"Inflammatory Cell Types and Clinical Features of Interstitial Cystitis" Surgery Research Conference, Hershey, Pennsylvania, November 26, 1997

"Pelvic Floor Re-education in Treatment of Incontinence" Department of Physical Therapy, Penn State Geisinger Health System, Hershey, Pennsylvania, December 4, 1997

"Interstitial Cystitis: Research and Treatment" Society of Urologic Nurses and Associates, Hershey, Pennsylvania, January 20, 1998

"Interstitial Cystitis"

Interstitial Cystitis Association, Reading, Pennsylvania, June 10, 1998

"Interstitial Cystitis: Update on Therapeutic Options"

Journal of Women's Health and Society for the Advancement of Women's Health Research Sixth Annual Congress on Women's Health, Washington, D.C., June 22, 1998

"Vesicovaginal Fistula"

Society of Urologic Nurses and Associates, Hershey, Pennsylvania, November 17, 1998

"Current Interstitial Cystitis Research"

Interstitial Cystitis Association Regional IC Forum, Hershey, Pennsylvania, September 25, 1999

"Interstitial Cystitis Research"

University of Pennsylvania Urology Research Seminar, Philadelphia, Pennsylvania, Feb. 21, 2000

"Markers for Interstitial Cystitis"

Plenary Session, Interstitial Cystitis Association Tenth Annual Meeting,

Minneapolis, Minnesota, October 21, 2000

"Bladder Permeability and Interstitial Cystitis"

Biochemistry and Molecular Biology Seminar Series, Hershey, Pennsylvania, June 11, 2001

"Urologic Problems of Middle-Aged and Elderly Men"

Derry Presbyterian Church, Hershey, Pennsylvania, January 21, 2003

"Urologic Problems in Young Women"

Pennsylvania State University, State College, Pennsylvania, April 17, 2003

"Possible Causes of Interstitial Cystitis"

Interstitial Cystitis Association National Meeting, Alexandria, Virginia, November 1, 2003

"Sacral Nerve Stimulation"

Hershey Medical Center Nursing Education and Professional Development

Hershey, Pennsylvania, February 23, 2004.

"Interstitial Cystitis: Recent Insights and Management"

Society for Basic Urologic Research Annual Meeting, San Francisco, California, May 8, 2004

"New Concepts in Diagnosis and Management of Interstitial Cystitis"

American Urological Association Annual Meeting, San Antonio, Texas, May 23, 2005

"Bladder Epithelium in Interstitial Cystitis"
University of Kentucky College of Medicine, Department of Surgery Research Symposium Lexington, Kentucky, September 28, 2005

"Drug Therapy for Incontinence – What's New"

New Techniques in Urinary Incontinence and Female Urology, Washington University School of Medicine Continuing Education, St. Louis, Missouri, October 29, 2005

"Urine Markers of Interstitial Cystitis" Society for Basic Urologic Research Annual Symposium, Miami, Florida, December 2, 2005

"Straight Talk" on Urinary Incontinence Pennsylvania State University Continuing Education: "Women's Health: Ages and Stages" Hershey, Pennsylvania, April 26, 2006

"Treatment of Female Overactive Bladder and Painful Bladder Syndrome" American Urological Association Instructional Course, Atlanta, Georgia, May 24, 2006

"Urethritis and Interstitial Cystitis, Sexually Transmitted Diseases and Urinary Tract Infections" American Urological Association Annual Review Course, Dallas, Texas, July 23, 2006

"Drug Therapy for Incontinence – What's New"

New Techniques in Urinary Incontinence and Female Urology, Washington U

New Techniques in Urinary Incontinence and Female Urology, Washington University School of Medicine Continuing Education, St. Louis, Missouri, October 7, 2006.

"Pathophysiology of Pelvic Prolapse and Stress Incontinence" American Urological Association Course on Female Urology and Voiding Dysfunction, Philadelphia, Pennsylvania, October 20, 2006

"Retropubic Suspensions and Other Operations" American Urological Association Course on Female Urology and Voiding Dysfunction, Philadelphia, Pennsylvania, October 21, 2006

"Interstitial Cystitis: Diagnosis and Management in 2006" American Urological Association Course on Female Urology and Voiding Dysfunction, Philadelphia, Pennsylvania, October 22, 2006

"Highlights of the AUA Summer Research Meeting" Society for Urodynamics and Female Urology, San Diego, California, February 24, 2007

"Interstitial Cystitis, Sexually Transmitted Diseases and Urinary Tract Infections" American Urological Association Annual Review Course, Dallas, Texas, June 24, 2007

"Gene expression during differentiation of cultured urothelial cells from interstitial cystitis and control bladders". Erickson, D.R., Dixon, J.K., Clark, C.J., Hersh, M.A. and Schwarze, S.R. Society for Urodynamics and Female Urology Annual Winter Meeting, Miami, FL, February 28, 2008.

"What Will be the Clinical Evaluation and Therapy of IC/PBS in 2013?" American Urological Association Course on Female Urology: Controversies and Consensus. Orlando, Florida, May 19, 2008

"Interstitial Cystitis and Sexually Transmitted Diseases" American Urological Association Annual Review Course, Dallas, Texas, June 8, 2008

Drug Therapy for Incontinence – What's New?"

New Techniques in Urinary Incontinence and Female Urology, Washington University School of Medicine Continuing Medical Education, St. Louis, Missouri, October 4, 2008

"Pathophysiology of Pelvic Prolapse and Stress Incontinence" American Urological Association Course on Female Urology and Voiding Dysfunction, New Orleans, Louisiana, October 17, 2008

"Evaluation and Classification of Overactive Bladder"
American Urological Association Course on Female Urology and Voiding Dysfunction, New Orleans, Louisiana, October 17, 2008

"Evaluation and Classification of Painful Bladder Syndrome and Interstitial Cystitis" American Urological Association Course on Female Urology and Voiding Dysfunction, New Orleans, Louisiana, October 18, 2008

"Update in the Diagnosis and Treatment of Interstitial Cystitis and Bladder Pain Syndrome" Surgical, Pharmacological and Technological Advances in Adult and Pediatric Urology, New York University School of Medicine Continuing Medical Education, New York, New York, December 4, 2008

"Urothelium in Interstitial Cystitis/Painful Bladder Syndrome" Urothelial Biology Seminar, New York University New York, New York, December 5, 2008

Lunch with the Experts: Interstitial Cystitis, Female Urology, Incontinence American Urological Association Annual Meeting, Chicago, Illinois, April 26, 2009

"Quercetin Added to Usual Care for Painful Bladder Syndrome/Interstitial Cystitis" University of Kentucky College of Medicine, Department of Surgery Research Symposium Lexington, Kentucky, May 19, 2009

"Neurourology"
University of Kentucky College of Medicine, Neurology Conference Lexington, Kentucky, June 2, 2009

"Interstitial Cystitis and Sexually Transmitted Diseases" American Urological Association Annual Review Course, Dallas, Texas, July 11, 2009

"Pros and Cons of Synthetic Mesh in Pelvic Organ Prolapse Repair" University of Kentucky Obstetrics and Gynecology Grand Rounds Lexington, Kentucky, Februay 16, 2010

"Intravesical bupivacaine for lidocaine-refractory patients with painful bladder syndrome/interstitial cystitis". Quillen, R., Hooper G. and Erickson, D. Society for Urodynamics and Female Urology Annual Winter Meeting, St. Petersburg, FL, February 27, 2010

"Painful Bladder Syndrome: What Happened to Interstitial Cystitis?"

American Urological Association Annual Meeting, San Francisco, California, May 31, 2010

"Interstitial Cystitis and Sexually Transmitted Diseases" American Urological Association Annual Review Course, Dallas, Texas, July 18, 2010

"Neurourology"
University of Kentucky Physical Medicine and Rehabilitation Grand Rounds
Lexington, Kentucky, July 20, 2010

"Gene expression analysis of urine sediments: a non-invasive method to sample the urothelium in painful bladder/bladder pain syndrome?" Korrect, G., Blalock, E., Stromberg, A. and Erickson, D. Joint Annual Meeting of the International Continence Society and International Urogynecological Association, Toronto, Canada, August 25, 2010.

"Incontinence in Women"
Primary Care for Women Update
University of Kentucky Center for Advancement of Women's Health
Lexington, Kentucky, September 17, 2010

"Pathophysiology of Pelvic Prolapse and Stress Incontinence" American Urological Association Course on Female Urology and Voiding Dysfunction Phoenix, Arizona, October 15, 2010

"Pros and Cons of Synthetic Mesh in POP Repair"
American Urological Association Course on Female Urology and Voiding Dysfunction Phoenix, Arizona, October 16, 2010

"Evaluation and Treatment of Painful Bladder Syndrome and Interstitial Cystitis" American Urological Association Course on Female Urology and Voiding Dysfunction Phoenix, Arizona, October 16, 2010

"Urinary Incontinence"
University of Kentucky College of Medicine 42nd Annual Family Medicine Review Lexington, Kentucky, October 31, 2010

"Overview of Diagnosis and Treatment of IC/PBS" Society for Urodynamics and Female Urology Winter Meeting, Scottsdale, Arizona, March 3, 2011

"Non-surgical Care of Stress Incontinence and Pelvic Organ Prolapse in Elderly Women" Society for Urodynamics and Female Urology Winter Meeting, Scottsdale, Arizona, March 4, 2011

"Parkinsonism and the Lower Urinary Tract" Lexington Parkinson Group Lexington, Kentucky, March 14, 2011

"Urinary Incontinence" University of Kentucky College of Medicine 42nd Annual Family Medicine Review Lexington, Kentucky, May 8, 2011

"Evaluation of Painful Bladder Syndrome/Interstitial Cystitis" American Urological Association Annual Meeting, Educational Course on Pelvic Pain Syndromes, May 15, 2011

"Interstitial Cystitis and Sexually Transmitted Diseases"
American Urological Association Annual Review Course, New Orleans, Louisiana, July 10, 2011

"Pathophysiology of Pelvic Prolapse and Stress Incontinence" American Urological Association Course on Female Urology and Voiding Dysfunction, Nashville, Tennessee, December 2, 2011

"Pros and Cons of Synthetic Mesh in POP Repair"
American Urological Association Course on Female Urology and Voiding Dysfunction,
Nashville, Tennessee, December 3, 2011

"Evaluation and Treatment of Painful Bladder Syndrome and Interstitial Cystitis" American Urological Association Course on Female Urology and Voiding Dysfunction, Nashville, Tennessee, December 3, 2011

"Pathophysiology of Pelvic Prolapse and Stress Incontinence" American Urological Association Course on Female Urology and Voiding Dysfunction, Washington, DC, October 27, 2012 "Evaluation and Management of Recurrent UTIs in Women" American Urological Association Course on Female Urology and Voiding Dysfunction, Washington, DC, October 27, 2012

"Evaluation and Treatment of Painful Bladder Syndrome and Interstitial Cystitis" American Urological Association Course on Female Urology and Voiding Dysfunction, Washington, DC, October 27, 2012

"Update on Interstitial Cystitis/Painful Bladder Syndrome" Women Leaders in Urology Forum, San Diego, California, May 6, 2013

"Pathophysiology of Pelvic Prolapse and Stress Incontinence" American Urological Association Course on Female Urology and Voiding Dysfunction, New Orleans, Louisiana, November 22, 2013

"Evaluation and Management of Recurrent UTIs in Women" American Urological Association Course on Female Urology and Voiding Dysfunction, New Orleans, Louisiana, November 23, 2013

"Evaluation and Treatment of Painful Bladder Syndrome and Interstitial Cystitis" American Urological Association Course on Female Urology and Voiding Dysfunction, New Orleans, Louisiana, November 23, 2013

"Urinary Incontinence" University of Kentucky College of Medicine 46th Annual Family Medicine Review Lexington, Kentucky, November 2, 2014

"Pathophysiology of Pelvic Prolapse and Stress Incontinence" American Urological Association Course on Female Urology and Voiding Dysfunction, Baltimore, Maryland, November 7, 2014

"Evaluation and Management of Recurrent UTIs in Women" American Urological Association Course on Female Urology and Voiding Dysfunction, Baltimore, Maryland, November 7, 2014

"Evaluation and Treatment of Painful Bladder Syndrome and Interstitial Cystitis" American Urological Association Course on Female Urology and Voiding Dysfunction, Baltimore, Maryland, November 7, 2014

"Evaluation and Management of Recurrent UTIs in Women" University of Kentucky Urology Resident Conference Lexington, Kentucky, January 28, 2015

"Urinary Incontinence" University of Kentucky College of Medicine 46th Annual Family Medicine Review" Lexington, Kentucky, May 10, 2015

XXI. Abstracts, Book Reviews and Discussion After Papers:

Sussman, E., Erickson, D. and Raz, S.: The Raz bladder neck suspension: five-year experience. *Journal of Urology*, 145: 223A, 1991.

Erickson, D.R., Sussman, E.M. and Raz, S.: ISOAP QMM incontinence classification system, *Journal of Urology*, 145: 358A, 1991.

Kaminski, P., Sorosky, J., Erickson, D., and Podczaski, E.: An elective medical student rotation in female urogynecology: a unique interdepartmental experience. Association of Professors of Gynecology and Obstetrics, Phoenix, Arizona, March 3-6, 1992.

Erickson, D. and Demers, L.: Urinary leukotriene C4 elevations during symptom flares in interstitial cystitis. *Journal of Urology*, 151: 284A, 1994.

Erickson, D.R.: Editorial comment on O'Riordan, J.I., Doherty, C., Javed, M., Brophy, D., Hutchinson, M. and Quinlan, D.: Do alpha blockers have a role in lower urinary tract dysfunction in multiple sclerosis? *Journal of Urology*, 153: 1114-1116, 1995.

Erickson, D.R. and Dabbs, D.J.: Inflammatory cell types and other clinical features of interstitial cystitis. *Journal of Urology*, 155: 440A, 1996.

Diokno, A., Mattews-Cook, Y., Kunselman, A., Erickson, D., Landis, J.R., Foy, M., O'Leary, M., Kusek, J. and the ICDB Study Group: Defining outcome measures for patients enrolled in the interstitial cystitis data base (ICDB) study. *Journal of Urology*, 159 (suppl): abstract 1184, 1998.

Erickson, D.R., Ordille, S., Harmon, N., and Bhavanandan, V.P.: Pilot study of direct bladder permeability test for interstitial cystitis. *Journal of Urology*, 161 (suppl): abstract 97, 1999.

Kirkemo, A., Erickson, D.R., Landis, J.R., Staley, J., Brensinger, C. and the ICDB Study Group: Predictive modeling of uninhibited detrusor contractions (UDCs) in the national Interstitial Cystitis Database (ICDB) study. *Journal of Urology*, 161 (suppl): abstract 88, 1999.

Erickson, D.R.: Editorial comment on Lutgendorf, S.K., Kreder, K.J., Rpthrock, N.E., Ratliff, T.L. and Zimmerman, B.: Stress and symptomatology in interstitial cystitis patients. I. A laboratory stress model. *Journal of Urology*, 164: 1265-1269, 2000.

Erickson, D.R., Ordille, S.D., Demers, L.M. and Xie, S.X.: When is urine methylhistamine useful as a marker for interstitial cystitis? *Journal of Urology*, 163 (suppl): abstract 265, 2000.

Erickson, D.R., Ordille, S.D., Zhang, C.O., Shoenfelt, J. and Keay, S.K.: Antiproliferative factor (APF), heparin binding epidermal growth factor-like growth factor (HB-EGF) and epidermal growth factor (EGF) alterations in interstitial cystitis (IC) confirmed. *Journal of Urology*, 163 (suppl): abstract 62, 2000.

Bhavanandan, V.P., Erickson, D.R., Herb, N., Sheykhnazari, M. and Ordille, S.: Use of glycosaminoglycans for the treatment of interstitial cystitis—a strategy to improve efficacy. 4th Hirosaki International Forum of Medical Science, New Developments in G.ycomedicine, Hirosaki, Japan, October 17, 2000.

Erickson, D.R.: Editorial comment on Shafik, A.: Effect of levator ani muscle contraction on urethrovesical and anorectal pressures and role of the muscle in urination and defecation. *Urology*, 58: 193-197, 2001.

Erickson, D.R.: Editorial comment on Lutgendorf, S.K., Kreder, K.J., Rothrock, N.E., Hoffman, A., Kirschbaum, C., Sternberg, E.M., Zimmerman, M.B. and Ratliff, T.L.: Diurnal cortisol variations and symptoms in patients with interstitial cystitis. *Journal of Urology*, 167: 1338-1343, 2002.

Erickson, D.R., Kunselman, A.R., Bentley, C.M., Wren, F.J., Rovner, E.S., Peters, K.M., Demers, L.M., Wheeler, M.A., and Keay, S.K.: Comparison of urine markers for IC patients who do vs. do not meet cystoscopic criteria. *Journal of Urology*, 169 (suppl): abstract 259, 2003.

Erickson, D.R.: Editorial comment on Clemens, J.Q., Meenan, R.T., O'Keeffe Rosetti, M.C., Gao, S.Y. and Calhoun, E.A.: Prevalence and incidence of interstitial cystitis in a managed care population. *Journal of Urology*, 173: 98-102, 2005.

Erickson, D.R.: Editorial comment on Soucy, F. and Gregoire, M.: Efficacy of prednisone for severe refractory ulcerative interstitial cystitis. *Journal of Urology*, 173:841-843, 2005.

Erickson, D.R.: Preface. Urologic Clinics of North America, 34(1): xiii, February 2007

Erickson, D.R.: Editorial comment on Zeng, Y., Wu, X.X., Homma, Y., Yoshimura, N., Iwaki, H., Kageyama, S., Yoshiki, T. and Kakehi, Y.: Uroplakin III-delta4 messenger RNA as a promising marker to identify nonulcerative interstitial cystitis. *Journal of Urology*, 178:1322-1327, 2007.

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