

CURRICULUM VITAE

RICHARD PAUL BUYALOS, JR., M.D.

PRESENT ADDRESS:

Fertility and Surgical Associates of California
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Work: (805) 778-1122 • FAX (805) 778-1199

EDUCATION AND TRAINING:

FELLOWSHIP

University of California, Los Angeles
Division of Reproductive Endocrinology
and Infertility
Department of Obstetrics and Gynecology
Los Angeles, California
Clinical Research Fellow 1987-1989

POSTGRADUATE TRAINING

Georgetown University Hospitals
Department of Obstetrics and Gynecology
Washington, D.C.
Intern in Obstetrics and Gynecology 1983-84

Resident in Obstetrics and Gynecology 1984-1987

Administrative Chief Resident in
Obstetrics and Gynecology 1986-87

MEDICAL SCHOOL

Thomas Jefferson University Medical College
Philadelphia, Pennsylvania 1979-1983

UNDERGRADUATE

University of Maryland
College Park, Maryland
Graduated 1979, B.S. Clinical Psychology
Magna Cum Laude

CERTIFICATION

Diplomat of National Board of Medical
Examiners 1983

American Board of Obstetrics and Gynecology - Certified in Obstetrics
and Gynecology, 1990 (Recertified 2/99 through 2010)

American Board of Obstetrics and Gynecology - Certified in
Reproductive Endocrinology, 1991 (Recertified 2/99 through 2011)

ACADEMIC APPOINTMENTS:

<u>Years</u>	<u>Institution/Department</u>	<u>Title</u>
1998-present	University of California, Los Angeles, CA Department of Obstetrics & Gynecology	Associate Clinical Professor
1996-1998	University of Kentucky, Lexington, KY Department of Obstetrics & Gynecology	Associate Professor and Chief, Division of Reproductive

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1989-1996 University of California, Los Angeles, CA Endocrinology and Infertility
Department of Obstetrics & Gynecology Assistant Professor

COMMITTEE MEMBERSHIP:

NATIONAL Government and Public Relations Committee of the American Society for Reproductive
Medicine 1999-present

PROLOG Task Force for Reproductive Endocrinology and Infertility, American College
of Obstetricians and Gynecologists, 4th edition, 1998-1999

Patient Education Committee of The American Society for Reproductive
Medicine 1994-1998

Chairman of Poster Committee for the 53rd annual meeting of the American Society for
Reproductive Medicine, Cincinnati, OH, October 18-22, 1997

Continuing Medical Education Advisory Board of the Institute for Medical Education
1996-present

HOSPITAL (UCLA Medical Center)

Postgraduate Education Advisory Committee 1991-93

Medical Records Committee 1990-94

Hospital Utilization Committee 1995-96

DEPARTMENT Resident Selection Committee University of California at Los Angeles (1992-94)

Resident Selection Committee University of Kentucky (1997)

Executive Council Committee University of Kentucky (1997-98)

MEMBERSHIP IN PROFESSIONAL SOCIETIES:

1984-91	Junior Fellow	American College of Obstetricians and Gynecologists
1991-present	Fellow	American College of Obstetricians and Gynecologists
1983-present	Member	American Medical Association
1990-present	Member	Daniel Morton Ob/Gyn Society (UCLA)
1989-96,	Member	LA County Medical Association
2000-present	Member	
1987-present	Member	American Society for Reproductive Medicine
1990-96	Member	LA Ob-Gyn Society
1994-present	Member	John T. Queenan Ob/Gyn Society (Georgetown)

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1991-present	Member	Society of Reproductive Endocrinologists
1990-present	Member	Pacific Coast Fertility Society
1991-present	Member	The Endocrine Society
1994-present	Member	Society for the Study of Reproduction
1990-present	Member	RESOLVE
1997-present	Member	Society of Reproductive Surgeons

AD HOC REVIEWER:

Obstetrics and Gynecology

Fertility and Sterility

The Journal of Clinical Endocrinology and Metabolism

Human Reproduction

American Journal of Obstetrics and Gynecology

Journal of Gynecologic Techniques

Journal of Pediatric and Adolescent Gynecology

MISCELLANEOUS EXPERIENCE:

Junior Fellows of the American College of Obstetricians and Gynecologists:
Chairman, District of Columbia Section (1985-86)

Vice-Chairman, District of Columbia Section (1984-85)

Colposcopy Seminar (Clinical Update), Organizer and Co-host with Washington, D.C.,
Colposcopy Society, (2/1985)

Chairman, Welcoming Reception for Junior Fellows, Annual Clinical Meeting of the American
College of Obstetricians and Gynecologists, Washington, D.C., (5/1985)

Medical consultant to CBS for "Baby of the Bride" Leonard Hill Productions, Director, Bill Bixby

Medical consultant, Universal Studios for "Junior". Director, Ivan Reitman

Educational audiotape on "Polycystic ovary syndrome" for Interlink Productions, New York,
New York

Medical consultant numerous lay publications and television networks

Director of the Fellowship Program in Reproductive Endocrinology and Infertility at the
University of Kentucky (1996-1998)

COMMUNITY SERVICE:

Volunteer Physician at the Venice Family Health Clinic, Venice, CA, 1993-1996

CURRENT LICENSURE:

State of California G-060146

HONORS AND AWARDS:

Dean's List, University of Maryland, College Park, 1974-78
Phi Kappa Phi Honor Society
Psi Chi Honor Society
Phi Eta Sigma Honor Society
Delta Tau Delta Outstanding Scholar Award
Who's Who
Outstanding Resident in Gynecologic Endoscopy Award; American Association of Gynecologic Laparoscopy, 1987

Prize-winning Poster Presentation
45th Annual Meeting of the American
Fertility Society
San Francisco, CA, 1989

Prize-winning Poster Presentation
50th Annual Meeting of the American
Fertility Society
San Antonio, TX, 1994

"Best Doctors for Women" Award, *Good Housekeeping* magazine 1997

National Faculty Award for Excellence in Resident Education from Council on Resident Education in Obstetrics and Gynecology 1999

RESEARCH GRANTS RECEIVED:

Source of support: University of California at Los Angeles (UCLA Academic Senate Training Grant)
Project Title: The Impact of Interleukin-6 on Preimplantation Embryo Development
Principal Investigator: RP. Buyalos
Amount: \$3,000
Years of award: 1989-1990

Source of support: University of California at Los Angeles (UCLA) Department of Ob/Gyn
Project Title: Interleukin-6 Activity in Human Follicular Fluid
Principal Investigator: RP. Buyalos
Amount: \$7,940
Years of award: 1989-1990

Source of support: National Institutes of Health HL40273
Project Title: Postmenopausal Estrogen and Progesterone Intervention (PEPI)
Principal Investigator: Howard L. Judd
Direct Costs: \$2,078,505
Consultant: R.Buyalos

Amount of award: \$20,000
Years of Award: 1989-1993

Source of support: University of Kentucky Intramural Research Funds
Project Title: The Heterogeneity of Follicle-Stimulating Hormone Isoforms in the Assessment of Human Reproductive Aging

Principal Investigator: RP. Buyalos
Amount: \$150,000
Years of award: 1996-1999

Source of support: Research MRI Center Pilot Project Grant Award
Project Title: Reproductive Endocrine Changes and Aging; using MRI to Evaluate Ovarian Volume

Principal Investigator: RP. Buyalos
Amount: \$4,400
Years of award: 1997-1998

BIBLIOGRAPHY:

Peer-Review Publications:

1. PEKONEN F, LAATIKAINEN T, **BUYALOS RP**, RUTANEN E-M: Decreased 34K insulin-like growth factor binding protein in polycystic ovarian disease. *Fertil Steril* 51:972-5, 1989.
2. **BUYALOS RP**, RUTANEN E-M, TSUI E, HALME J: Release of tumor necrosis factor alpha by human peritoneal macrophages in response to toxic shock syndrome toxin-1. *Obstet Gynecol* 78:182-6, 1991.
3. **BUYALOS RP**, BRADLEY EL, JUDD HL, ZACUR HA, AZZIZ R: No acute effect of physiological insulin increase on dehydroepiandrosterone sulfate in women with obesity and/or polycystic ovarian disease. *Fertil Steril* 56:1179-82, 1991.
4. **BUYALOS RP**, GEFFNER ME, BERSCH N, JUDD HL, WATANABE RM, BERGMAN RN, GOLDE DW: Insulin and insulin-like growth factor-I responsiveness in polycystic ovarian syndrome. *Fertil Steril* 57:796-803, 1992.
5. **BUYALOS RP**, GLASSMAN LM, RIFKA SM, FALK RJ, MACARTHY PO, TYSON VJ, DIMATTINA M: Serum Beta-hCG, estradiol and progesterone as early predictors of pathologic pregnancy. *J Reprod Med* 37:261-6, 1992.
6. **BUYALOS RP**, WATSON JM, MARTINEZ-MAZA O: Detection of interleukin-6 in human follicular fluid. *Fertil Steril* 57:1230-4, 1992.
7. **BUYALOS RP**, FUNARI VA, AZZIZ R, WATSON JM, MARTINEZ-MAZA O: Elevated interleukin-6 levels in peritoneal fluid of patients with pelvic pathology. *Fertil Steril* 58:302-6, 1992.

8. PEARLSTONE AC, FOURNET N, GAMBONE JC, PANG S, **BUYALOS RP**: Ovulation induction in women age 40 and older: the importance of basal follicle-stimulating hormone levels and chronological age. *Fertil Steril* 58:674-9, 1992.
9. WU TC, GELETY T, JIH M, FOURNET N, **BUYALOS RP**: Successful management of predicted severe ovarian hyperstimulation syndrome with gonadotropin-releasing hormone agonist. *J Asst Reprod Genet* 9:281-6, 1992.
10. **BUYALOS RP**, GEFFNER ME, WATANABE RM, BERGMAN RN, GORNBEIN JA, JUDD HL: The influence of luteinizing hormone and insulin on sex steroids and sex hormone-binding globulin in the polycystic ovarian syndrome. *Fertil Steril* 60:626-33, 1993.
11. GELETY TJ, **BUYALOS RP**: The effect of clomiphene citrate and menopausal gonadotropins on cervical mucus in ovulatory cycles. *Fertil Steril* 60:471-6, 1993.
12. AGARWAL SK, COE S, **BUYALOS RP**: The influence of uterine position on pregnancy rates with *in vitro* fertilization - embryo transfer. *J Asst Reprod Genet* 11(6):323-4, 1994.
13. **BUYALOS RP**, TSUI E, CAI X: Enhanced preimplantation embryo development by epidermal growth factor. *J Asst Reprod Genet* 11(1):33-7, 1994.
14. The Writing Group for the PEPI Trial: Effects of estrogen and estrogen/progestin regimens on heart disease risk factors in postmenopausal women. *JAMA* 273(3):199-208, 1995.
15. **BUYALOS RP**: Insulin-like growth factors: Clinical experience in ovarian function. *Am J Med* 98(1A):55-66, 1995.
16. **BUYALOS RP**. The role of follicle-stimulating hormone in infertility therapy. *Assist Reprod Rev* 5(1):45-52, 1995.
17. AGARWAL S, **BUYALOS RP**: Corpus luteum function and pregnancy rates with clomiphene citrate therapy: comparison of human chorionic gonadotropin induced versus spontaneous ovulation. *Human Reprod* 10(2):328-31, 1995.
18. **BUYALOS RP**, PEKONEN F, HALME J, JUDD H, RUTANEN E: The relationship between circulating androgens, obesity and hyperinsulinemia on serum insulin-like growth factor binding protein-1 in the polycystic ovarian syndrome. *Am J Obstet Gynecol* 172(3):932-9, 1995.
19. UHLER M, **BUYALOS RP**: The effect of varying inseminating sperm concentrations in male-factor and non-male factor infertility in human *in vitro* fertilization. *Int J Fertil* 40 (6):322-8, 1995.
20. GELETY TJ, **BUYALOS RP**: The influence of supraphysiologic estradiol levels in human nidation. *J Asst Reprod Genet* 12(7):406-12, 1995.
21. The Writing Group for the PEPI Trial: Effect of hormone replacement on endometrial histology in postmenopausal women. *JAMA* 275(5):370-5, 1996.

22. **BUYALOS RP**, LEE TL: Polycystic ovarian syndrome: pathophysiology and outcome *in vitro* fertilization. *Fertil Steril* 65:1-10, 1996.
23. MAGARELLI PC, PEARLSTONE AC, **BUYALOS RP**: Discrimination between chronological and ovarian age in infertile women 35 years and older receiving ovulation induction therapy: Predicting pregnancies using basal FSH, age and number of treatment cycles. *Human Reprod* 11(6):1214-19, 1996.
24. AGARWAL SK, **BUYALOS RP**: Clomiphene citrate with intrauterine insemination: is it effective therapy in women above the age of 35 years? *Fertil Steril* 65:759-63, 1996.
25. SMITH K, **BUYALOS RP**: The profound impact of patient age on pregnancy outcome after early detection of fetal cardiac activity by transvaginal sonography. *Fertil Steril* 65:35-40, 1996.
26. The Writing Group for the PEPI Trial: Effect of hormone therapy on bone mineral density. *JAMA* 276(17):1389-96, 1996.
27. **BUYALOS RP**, LEE CT: Albumin for ovarian hyperstimulation? [letter] *Fertil Steril* 65:173-4, 1996.
28. BRZECHFFA PR, JAKIMIUK AJ, AGARWAL SK, WEITMAN SR, **BUYALOS RP**, MAGOFFIN DA. Serum immunoreactive leptin concentrations in women with polycystic ovary syndrome. *J Clin Endocrinol Metab* 81(11):4166-9, 1996.
29. BREZCHFFA PR, **BUYALOS RP**: Female and male partner age and menotropin requirements influence pregnancy rates with human menopausal gonadotropin therapy in combination with intrauterine insemination. *Human Reprod* 12(1):29-33, 1997.
30. **BUYALOS RP**, GEFFNER ME, AZZIZ R, JUDD HL: Impact of overnight dexamethasone suppression on the adrenal androgen response to an oral glucose tolerance test in women with and without polycystic ovary syndrome. *Human Reprod* 12(6):1138-41, 1997.
31. **BUYALOS RP**, DANESHMAND ST, BRZECHFFA PR: Basal estradiol and follicle-stimulating hormone predict fecundity in women of advanced reproductive age undergoing ovulation induction therapy. *Fertil Steril* 68:272-7, 1997.
32. COOKE RG, **BUYALOS RP**: Sequential clomiphene citrate and human menopausal gonadotropin therapy for ovulation induction therapy and assisted reproductive techniques. *Assist Reprod Rev* 7(2):58-63, 1997.
33. BRZECHFFA PR, DANESHMAND ST, **BUYALOS RP**: Sequential clomiphene citrate and human menopausal gonadotropin with intrauterine insemination following previous clomiphene citrate failure: the effect of female and male patient age on clinical outcome. *Human Reprod* 13(8):2110-14, 1998.

34. **BUYALOS RP**, GRICE JE, JACKSON RV, HOCKINGS GI, THORPY DJ, FOX LM, BOOTS LR, AZZIZ R: Androgen response to hypothalamic-pituitary-adrenal stimulation with naloxone in patients with myotonic muscular dystrophy. *J Clin Endocrinol Metab* 83:3219-3224, 1998.
35. **BUYALOS RP**, GHOSH K, Daneshmand S: Intercycle variability of day 3 follicle-stimulating hormone and estradiol in infertile women of advanced reproductive age. *J Repro Med (J Reprod Med* 43:1023-1026, 1998.).
36. GIBBONS WE, JUDD HL, FULHEIHAN GE, LEBOFF M, MOYER D, OGRINE FG, DAWOOD MY, ZIEL H, NACHTIGALL LE, BURRY K, **BUYALOS RP**, SCHOENFELD MJ, HALVORSON HC, SCHNATZ P, LUCIANO AA, ADASHI EY: Comparison of three "low-dose" estrogen/progestin hormone replacement regimens using micronized medroxyprogesterone acetate: sequential vs continuous combined therapy. (Submitted).
37. VELOUDIS GM, **BUYALOS RP**: Is unexplained infertility really unexplained: the impact of chronological age of the female partner. (Submitted)

Abstracts:

1. **BUYALOS RP**, GLASSMAN LM, RIFKA SM, FALK RJ, MACARTHY PO, TYSON VJ, DIMATTINA M: Hormonal and sonographic markers as early predictors of pathological pregnancies. American Fertility Society, 44th Annual Meeting, Atlanta, GA, October 10-13 1988, abstract #031.
2. **BUYALOS RP**, GAMBONE JC, GEFFNER ME, JUDD HL: Insulin and androgen responses to oral and IV glucose challenges in polycystic ovarian disease. Society for Gynecologic Investigation, 35th Annual Meeting, Baltimore, MD, March 17-20, 1988, abstract #387.
3. **BUYALOS RP**, GEFFNER ME, GAMBONE JC, BERSCH N, BERGMAN RN, JUDD HL: Insulin resistance in polycystic ovarian disease: A probable epigenetic defect. Society for Gynecologic Investigation, 36th Annual Meeting, San Diego, CA, March 15-18, 1989, abstract #316.
4. HALME J, **BUYALOS RP**, RUTANEN E-M, TSUI E: Release of TNF activity by human peritoneal macrophages in response to TSST-1. Society for Gynecologic Investigation, 36th Annual Meeting, San Diego, CA, March 15-18, 1989, abstract #546.
5. D'AMICO J, **BUYALOS RP**, CLISHAM RP, EGGENA P, JUDD HL: Impact of hormone replacement on renin substrate and aldosterone levels, and plasma renin activity in postmenopausal women. Society for Gynecologic Investigation, 36th Annual Meeting, San Diego, CA, March 15-18, 1989, abstract #283.
6. **BUYALOS RP**, RUTANEN E-M, PEKONEN F, JUDD HL, HALME J: 34K insulin-like growth factor binding protein levels in polycystic ovarian disease in response to intravenous glucose tolerance test. American Fertility Society, 45th Annual Meeting, San Francisco, CA, November 11-16, 1989, abstract #157 (Prize Poster Award).

7. **BUYALOS RP**, GAMBONE JC, GEFFNER ME, JUDD HL: Androgen response to an oral glucose tolerance test following overnight dexamethasone suppression in polycystic ovarian disease. American Fertility Society, 45th Annual Meeting, San Francisco, CA, November 11-16, 1989, abstract #158.
8. **BUYALOS RP**, WATSON JM, MARTINEZ-MAZA O: Detection of interleukin-6 in human follicular fluid. American Fertility Society, 46th Annual Meeting, Washington, DC, October 13-18, 1990, abstract #153.
9. **BUYALOS RP**, FUNARI VA, AZZIZ A, WATSON JM, MARTINEZ-MAZA O: Elevated interleukin-6 levels in peritoneal fluid of patients with pelvic pathology. Society for Gynecologic Investigation, 38th Annual Meeting, San Antonio, TX, March 20-23, 1991, abstract #120.
10. **BUYALOS RP**, BRADLEY EL, JUDD HL, ZACUR HA, AZZIZ R: No effect of two hour oral glucose tolerance test on serum dehydroepiandrosterone-sulfate in women with obesity or polycystic ovarian syndrome. Society for Gynecologic Investigation, 38th Annual Meeting, San Antonio, TX, March 20-23, 1991, abstract #175.
11. GIBBONS WF, JUDD HL, LUCIANO AA, NACHTIGALL LE, DAWOOD MY, BURRY K, ZIEL H, LE BOFF MS, EL-HAJJ G, OGRINE F, SCHOENFELD MJ, **BUYALOS RP**, ADASHI E, SCHNATZ P: Comparison of sequential versus continuous estrogen/progestin replacement therapy on serum lipid patterns. Society for Gynecologic Investigation, 38th Annual Meeting, San Antonio, TX, March 20-23, 1991, abstract #491.
12. GIBBONS WE, JUDD HL, MOYER D, NACHTIGALL LE, BURRY K, LUCIANO AA, DAWOOD MY, ZIEL H, SCHNATZ P, **BUYALOS RP**, OGRINE F, SCHOENFELD MJ, EL-HAJJ G, LE BOFF MS, ADASHI E: Evaluation of sequential versus continuous estrogen/progestin replacement therapy on uterine bleeding patterns and endometrial histology. Society for Gynecologic Investigation, 38th Annual Meeting, San Antonio, TX, March 20-23, 1991, abstract #490.
13. PEARLSTONE AC, FOURNET N, **BUYALOS RP**, PITZER S, PANG S, GAMBONE JC: Monthly fertility/fecundity rates during ovulation induction in women age 40 and older: the effect of day 3 follicle stimulating hormone levels. American Fertility Society Meeting, 47th Annual Meeting, Orlando, FL, Oct. 21-24, 1991, abstract #118.
14. **BUYALOS RP**, TSUI E, CAI X: Enhanced development of preimplantation mouse embryos by epidermal growth factor. Society for Gynecologic Investigation, 39th Annual Meeting, San Antonio, TX, March 18-21, 1992, abstract #525.
15. GELETY TJ, **BUYALOS RP**: The influence of clomiphene citrate dosage on cervical mucus in ovulatory cycles. American Fertility Society, 48th Annual Meeting, New Orleans, LA, Oct. 31 -Nov. 5, 1992, abstract #142.
16. GELETY TJ, **BUYALOS RP**: Exceedingly high levels of estradiol do not adversely effect pregnancy outcome in *in vitro* fertilization cycles. Pacific Coast Fertility Society, 41st Annual Meeting, Indian Wells, CA, April 14-18, 1993, abstract #2.

17. AGARWAL SK, **BUYALOS RP**: Age related decline in fecundity rates in clomiphene citrate stimulated cycles is independent of corpus luteum function. Society for Gynecologic Investigation, 41st Annual Meeting, Chicago, IL, Mar 22-25, 1994, abstract #68.
18. MAGARELLI PC, PEARLSTONE AC, **BUYALOS RP**: Pregnancy and live birth rates in infertile women 35 and older during ovulation induction: predictive value of patient age and basal follicle stimulating hormone levels. Pacific Coast Fertility Society, 42nd Annual Meeting, Indian Wells, CA, April 20-24, 1994, abstract #16.
19. MELDRUM DR, GARZO G, RAMSEY C, KILTZ R, **BUYALOS RP**, EL-ROEIY A, ANDERSON R: Chromium picolinate lowers insulin response to glucose in women with body weight who have polycystic ovarian disease. 50th Annual Meeting of The American Fertility Society, San Antonio, TX, November 5-10, 1994, abstract #132.
20. SMITH KE, **BUYALOS RP**: Impact of patient age on pregnancy outcome after early detection of fetal cardiac activity by transvaginal sonography. 50th Annual Meeting of The American Fertility Society, San Antonio, TX, November 5-10, 1994, abstract #78.
21. AGARWAL SK, **BUYALOS RP**: Is clomiphene citrate with intrauterine insemination effective therapy in women over the age of 35? 50th Annual Meeting of The American Fertility Society, San Antonio, TX, November 5-10, 1994, abstract #334 (Prize Poster Award).
22. MAGARELLI PC, SMITH KE, PITZER S, **BUYALOS RP**, GAMBONE JC: Randomized "patient as own control" study of the effect of two versus two versus one intrauterine insemination in ovulation induction patients. Pacific Coast Fertility Society, 43rd Annual Meeting, San Diego, CA, April 26-30, 1995, abstract #60.
23. MAGARELLI PC, SMITH KE, PITZER S, **BUYALOS RP**, GAMBONE JC: The effect of the number of inseminations on fertility in ovulation induction patients: A prospective randomized "patient as own control" study. XV World Congress on Fertility Sterility (IFFS), Montpellier, France, September 17-22, 1995.
24. BRZECHFFA PR, **BUYALOS RP**: Menotropin requirements and patient age are predictors of clinical pregnancy rates with ovulation induction therapy. 51st Annual Meeting of the American Society for Reproductive Medicine, Seattle, WA, October 7-12, 1995, abstract #195.
25. BRZECHFFA PR, DANESHMAND ST, **BUYALOS RP**: Sequential clomiphene citrate and human menopausal gonadotropin with intrauterine insemination following previous clomiphene citrate failure: the effect of patient age on clinical outcome. Pacific Coast Fertility Society, 44th Annual Meeting, Indian Wells, CA, April 17-21, 1996, abstract #24.
26. DANESHMAND ST, BRZECHFFA PR, **BUYALOS RP**: Day 3 estradiol levels as a predictor of clinical pregnancy rates in older women undergoing ovulation induction therapy. 45th Annual Meeting of the Pacific Coast Fertility Society, Indian Wells, CA, April 10-13, 1997, abstract #1.

27. GHOSH, K, Daneshmand S, **BUYALOS RP**: Intercycle variability of basal stimulating hormone and estradiol in infertile woman of advance reproductive age. 45th Annual Meeting of the Pacific Coast Fertility Society, Indian Wells, CA, April 10-13, 1997, abstract #12.
28. **BUYALOS RP**, DANESHMAND ST, BRZECHFFA PR: Disturbances in the late luteal-early follicular phase transition in infertile women of advanced reproductive age. 53rd Annual Meeting of the American Society for Reproductive Medicine, Cincinnati, OH, October 18-22, 1997, abstract #002.
29. DURINZI KL, **BUYALOS RP**: Glucose screening in an infertile population. 55th Annual Meeting of the American Society for Reproductive Medicine, Toronto, Canada, September 25-30, 1999, abstract #362
30. MARGALIT R, SMITH D, **BUYALOS RP**: Blastocyst formation subsequent to day 3 embryo transfer is not predictive of pregnancy. 55th Annual Meeting of the American Society for Reproductive Medicine, Toronto, Canada, September 25-30, 1999, abstract #221
31. KETTEL LM, OTA M, **BUYALOS RP**, Hummel WP.: A comparison of day 3 fsh and estradiol levels using two assay systems. 47th Annual Meeting of the Pacific Coast Fertility Society, Indian Wells, CA, April 26-30, 2000, (submitted)

Book Chapters/Reviews:

1. **BUYALOS RP**, GAMBONE JC: *In vitro* fertilization for oligospermia. In: Common Problems in Infertility and Impotence. Vol. 1, 153-160. Eds. Rajfer J, Yearbook Medical Publishers, 1990.
2. **BUYALOS RP**. Puberty and precocious puberty. In: Essentials of Obstetrics and Gynecology, 2nd Edition, p. 511-521. Eds. Hacker NF, Moore JG, W.B. Saunders Company Publishers, 1992.
3. **BUYALOS RP**. Principles of endoscopic optics and lighting. In: Practical Manual of Operative Laparoscopy and Hysteroscopy, p. 15-21. Eds. Azziz R, Murphy AA, Springer-Verlag, Inc., 1992.
4. **BUYALOS RP**. Principles of endoscopic laser surgery. In: Practical Manual of Operative Laparoscopy and Hysteroscopy, p. 39-46. Eds. Azziz R, Murphy AA, Springer-Verlag, Inc., 1992.
5. **BUYALOS RP**. Insulin-like growth factor binding proteins in disorders of androgen excess. In: Seminars in Reproductive Endocrinology, Thieme Medical Publishers, Inc., (Ed) Azziz R, Vol. 12 (1), p 21-25, 1994.
6. **BUYALOS RP**. Principles of endoscopic optics and lighting. In: Practical Manual of Operative Laparoscopy and Hysteroscopy, p. 23-31. 2nd edition, Eds. Azziz R, Murphy AA, Springer-Verlag, Inc., 1996.

7. **BUYALOS RP.** Principles of endoscopic laser surgery. In: Practical Manual of Operative Laparoscopy and Hysteroscopy, p. 40-48. 2nd edition, Eds. Azziz R, Murphy AA, Springer-Verlag, Inc., 1996.
8. **BUYALOS RP, SCOTT RT, SEIFER DB.** Infertility after 35: diagnostic strategies. *OBG Management* 8 (10):46-54, 1996.
9. **BUYALOS RP, SCOTT RT, SEIFER DB.** Infertility after 35: treatment strategies. *OBG Management* 8 (11):55-61, 1996.
10. **BUYALOS RP.** Puberty and disorders of pubertal development. In: Essentials of Obstetrics and Gynecology, 3rd Edition, p. 567-579. Eds. Hacker NF, Moore JG, W.B. Saunders Company Publishers, 1998.

FACULTY - POST-GRADUATE COURSES AND SYMPOSIA:

Lasers in Gynecologic Endoscopy - Course Director, Los Angeles, CA (2/90)

- "Laser Physics"

- "Laser Safety"

- "Gynecologic Applications of the Argon Laser"

Advanced Pelviscopy and Endovaginal Sonography, Rancho San Bernardo, CA (4/91)

"Lasers in Gynecologic Endoscopy"

Operative Laparoscopy, Santa Monica, CA (10/92)

"Energy Sources in Operative Endoscopy"

Annual Symposium of the Southern California Organization Pediatric Endocrinologists, Dana Point, CA (1/93)

- "Menstrual Disturbances in Adolescence"

Institute for Medical Education, Portland, OR (10/93)

- "Reproductive Health Issues for Women"

- "Menopause and Therapeutic Options"

National Institute of Child Health and Human Development: Androgens and Women's Health Symposium, Bethesda, MD (3/94)

- "Insulin-like growth factors: Clinical Experience"

Institute for Medical Education, Van Nuys, CA (4/94)

- "Reproductive Health Issues for Women"

- "Menopause and Therapeutic Options"

In Vitro Fertilization and Embryo Transfer: A Comprehensive Update, Santa Barbara, CA (7/94)

- "PCO - Pathophysiology and Outcome With IVF"

UCLA Obstetrics and Gynecology Review Course, Beverly Hills, CA (11/94)

- "Assisted Reproductive Technologies"

- "Ovulatory Disorders"

American College of Obstetricians and Gynecologists Course, Rancho Mirage, CA (1/95)

Operative Laparoscopy - lab instructor

22nd Annual University of California, Los Angeles Family Practice Review Course, Los Angeles, CA (5/95)

- "Hormone Replacement Therapy"

- UCLA Obstetrics and Gynecology Second Annual Review Course, Beverly Hills, CA (11/95)*
- "Assisted Reproductive Technologies"
 - "Management of Hyperprolactinemia and Ovulatory Disorders"
- The Gerontological Society of America 48th Annual Meeting, Los Angeles, CA (11/95)*
- Presidential Symposium -Interdisciplinary Approaches to the Menopause;
- "Health-care Implications of Hormone Replacement Therapy"
- 23rd Annual University of California, Los Angeles Review Course for Family Practice, Los Angeles, CA (5/96)*
- "The Nuts & Bolts of Hormone Replacement Therapy"
- Current Issues in Women's Health, Los Angeles, CA (9/96)*
- "Clinical Management of the Perimenopausal/Menopausal Patient-the Nuts and Bolts"
- Seminars and Workshops of the 52nd Annual Meeting of the American Society for Reproductive Medicine, Boston, MA (11/96)*
- "Biomarkers and Clinical Outcomes in Female Reproductive Aging"
- Advanced Operative Laparoscopy and Hysteroscopy, (American College of Obstetricians and Gynecologists), Birmingham, AL (12/96)*
- "Physics of Laser Energy"
 - "Basic Operative Laparoscopic Techniques and Instrumentation"
 - "Office Hysteroscopy"
- The Basic Science and Clinically Applied Technology of In Vitro Fertilization, San Francisco, CA (2/97)*
- "Ovulation Induction Strategies: the Influence of Patient Age"
- The 28th Annual University of Kentucky Family Medicine Review Course, Lexington, KY (2/97)*
- "Abnormal Uterine Bleeding"
- The 29th Annual University of Kentucky Family Medicine Review Course, Lexington, KY (5/97)*
- "Amenorrhea "
- A Foundation for the Next Millennium: Principles for Nurses Specializing in Reproductive Medicine and the Assisted Reproductive Technologies. New Orleans, LA (9/97)*
- "Ovulation Induction Strategies in the Older Patient"
- Advanced Operative Laparoscopy and Hysteroscopy, (American College of Obstetricians and Gynecologists) Birmingham, AL (3/98)*
- "Peritoneal Access, Visualization, and Image Documentation"
 - "Laparoscopic Management of Ectopic Gestation"
 - "Diagnostic and Operative Hysteroscopy Instrumentation"
- 26th Annual University of California, Los Angeles Refresher Course for Family Practice, Los Angeles, CA (5/99)*
- "Hormone Replacement Therapy - The Nuts & Bolts"
 - "An Office Approach to the Evaluation of the Infertile Couple"
- New Concepts in Reproductive Gynecology and Infertility, Annual Kaiser Northern California Region Conference (10/30/99)*
- "Female – Fertility – Forties"
 - "Premature Ovarian Failure"

REPRESENTATIVE SELECTION OF SCIENTIFIC INVITATIONAL LECTURES:

"TNF α Release and Activity of Peritoneal Macrophages"; Basic Science Lecture Series in Reproductive Medicine, Univ of California at Los Angeles Hospital, Los Angeles, CA (2/90)

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- "Hirsutism - Diagnosis and Management"; Grand Rounds, Department of Family Practice University of California at Los Angeles Hospital, Los Angeles, CA (2/90)
- "In Vivo and In Vitro Measures of Insulin Resistance in Polycystic Ovarian Syndrome"; Daniel Morton Society - UCLA School of Medicine, Los Angeles, CA (4/91)
- "Pelviscopy and Gynecologic Endoscopy"; Grand Rounds, University of Chicago-Loyola, Chicago, IL (6/91)
- "Menstrual Dysfunction in the Adolescent"; Grand Rounds, Children's Hospital of Los Angeles, Los Angeles, CA (1/92)
- "Osteoporosis Prevention and Management"; Grand Rounds, Dept. of Internal Medicine, University of California at Irvine, Irvine, CA (4/92)
- "Ovulation Induction and the Impact of Patient Age"; Grand Rounds, University of Alabama at Birmingham, Birmingham, AL (4/92)
- "The Influence of Patient Age on Infertility Therapy"; Grand Rounds, University of North Carolina, Chapel Hill, NC (9/92)
- "The Influence of Patient Age on Infertility Therapy"; Grand Rounds, UCLA-Harbor Medical Center, Torrance, CA (9/92)
- "The Influence of Patient Age on Infertility Therapy"; Grand Rounds, Sinai Hospital, Baltimore, MD (9/92)
- "Contemporary Management of Hyperandrogenism"; Grand Rounds, Scripps Memorial Hospital, La Jolla, CA (9/92)
- "The Influence of Patient Age on Infertility Therapy"; Grand Rounds, Georgetown University Medical Center, Washington, DC (11/92)
- "The Impact of Age on Infertility Therapy"; Grand Rounds, Tulane University Medical Center, New Orleans, LA (11/92)
- "The Influence of Patient Age on Infertility Therapy"; Grand Rounds, State University of New York at Stony Brook Medical Center, Stony Brook, NY, (2/93)
- "The Impact of Age on infertility Therapy"; Grand Rounds, University of California, San Diego, San Diego, CA (3/93)
- "The Influence of Patient Age on Infertility Therapy"; Grand Rounds, University of Maryland Medical Center, Baltimore, Maryland (5/93)
- "Contemporary Management of the Infertile Couple"; Grand Rounds, Dept. of Family Medicine, University of California, Los Angeles. Los Angeles, CA (8/93)
- "Ovulation Induction in the Older Patient"; Round Table Lecture Series, 49th Annual Meeting of The American Fertility Society, Montreal, Canada (10/93)
- "The Impact of Patient Age on Infertility Therapy"; Grand Rounds, University of California at Los Angeles Hospital, Los Angeles, CA (6/94)
- "Management Strategies for Infertile Woman after the Age of 35"; Grand Rounds, University of Alabama at Birmingham, Birmingham, AL (9/94)
- "Ovulation Induction in the Older Patient"; Round Table Lecture Series, 50th Annual Meeting of The American Fertility Society, San Antonio, TX (11/94)
- "Biochemical Markers of Fertility Potential in the Human Female" (Basic Science Lecture Series in Reproductive Medicine), University of California at Los Angeles Hospital, Los Angeles, CA (1/95)
- "Strategies for Infertility Therapy in the Older Patient"; Grand Rounds, University of Arizona Medical Center, Tucson, AZ (2/95)
- "Contemporary Management of Polycystic Ovarian Syndrome" - Grand Rounds, Children's Hospital of Los Angeles (5/95)

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- "Human Aging and Reproductive Potential" - Grand Rounds, Cedars-Sinai Medical Center, Los Angeles, CA (7/95)
- "The Impact of Age on Human Reproduction"; Grand Rounds, University of California at Los Angeles Hospital, Los Angeles, CA (1/96)
- "The Impact of Patient Age on Infertility Therapy"; Grand Rounds, Loyola University Medical Center Stritch School of Medicine, Chicago, IL (3/96)
- "The Impact of Age on Human Reproduction"; Grand Rounds, University of Kentucky, Lexington, KY (4/96)
- "Unexplained Infertility" Round Table Lecture Series, 44th Annual Meeting of the Pacific Coast Fertility Society, Indian Wells, CA (4/96)
- "Human Aging and Reproductive Potential"; (Combined Endocrine Lecture Series), University of California at Los Angeles Hospital, Los Angeles, CA (4/96)
- "The Influence of Male and Female Age on Reproductive Capacity"; Grand Rounds, Olive View - UCLA Medical Center, Sylmar, CA (5/96)
- "Ovulation Induction Strategies in the Older Patient"; Round Table Lecture Series, 52nd Annual Meeting of The American Society for Reproductive Medicine, Boston, MA (11/96)
- "Contemporary Management of Hirsutism and Hyperandrogenism", American College of Obstetricians Gynecologist Annual Meeting (District V), Louisville, KY (9/17/97)
- "Ovulation Induction Strategies in the Older Patient"; Round Table Lecture Series, 53rd Annual Meeting of The American Society for Reproductive Medicine, Cincinnati, OH (10/97)
- "Therapeutic Options in the Management of Couples of Advanced Reproductive Age"; Grand Rounds, The Brooklyn Hospital, Brooklyn, NY (1/13/98)
- "Contemporary Management of the Infertile Couple"; Grand Rounds, Olive View -UCLA Medical Center, Sylmar, CA (2/20/98)
- "Management of Fertility in Patients Greater than Forty Years of Age"; Round Table Lecture Series, 46th Annual Meeting of The Pacific Coast Fertility Society, Indian Wells, CA (4/26/98)
- "Ovulation Induction Strategies in Patients of Advanced Reproductive Age"; Round Table Lecture Series, 16th World Congress on Fertility and Sterility and the 54th Annual Meeting of The American Society for Reproductive Medicine, San Francisco, CA (10/98)
- "The Impact of Patient Age on Infertility Therapy"; Grand Rounds, Kaiser Woodland Hills,, Woodland Hills, CA (1/12/99)
- "Ovulation Induction Strategies in Patients of Advanced Reproductive Age"; Kaiser West Los Angeles, Los Angeles, CA (1/13/99)
- "Contemporary Management of the Infertile Couple"; Grand Rounds, Kaiser Los Angeles, Los Angeles, CA (4/15/99)
- "The Influence of Patient Age on Infertility Therapy"; Grand Rounds, Simi Valley Hospital, Simi Valley, CA (10/21/99)
- "Infertility Options: When, Why, and How Much?" Greater Los Angeles RESOLVE Symposia, Los Angeles, CA (10/23/99)
- "Therapeutic Options in Patients of Advanced Reproductive Age"; Grand Rounds, Community Memorial Hospital, Ventura, CA (10/26/99)