

CURRICULUM VITAE

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DATE OF BIRTH October 6, 1953
PLACE OF BIRTH Kyoung-Ki Province, South Korea
MARITAL STATUS Married
CHILDREN One son, Princeton University Trustee 2001-
2005, Harvard MBA & MPA
PRESENT POSITION IVF Lab Director since May 2009
University Fertility Center
Torrance, CA

EDUCATION

1995 Board Certification
Board Certified as High-Complexity Clinical Laboratory
Director(HCLD) by The American Board of Bioanalysis in
Andrology and Emryology.

1986-1990 Louisiana State University Baton Rouge, LA
Department of Dairy Science
Ph. D. Reproductive Physiology.

1984-1986 Louisiana State University Baton Rouge, LA
Department of Animal Science
M.S. Reproductive Physiology.

1982-1983 Ghent State University Ghent, Belgium
School of Veterinary Medicine
Postgraduate Certificate. Reproductive Physiology.

1982 International Course by Ghent, Belgium
FAO, WHO & UNICEF
Postgraduate Diploma. Food Science and Nutrition.

1982 Seoul National University Seoul, Korea
School of Veterinary Medicine
Graduate student. Obstetrics & Reproduction.

1972-1976 Seoul City University Seoul, Korea
Department of Veterinary Medicine
D.V.M.

EXPERIENCE

Nov. 2001-
Mar. 2009 IVF Lab Director, Reproductive Institute of South Texas
McAllen, TX 78503

Oct. 2000-
Nov. 2001 IVF Lab Supervisor, Reproductive Endocrinology and Fertility
Center. Crozer-Chester Medical Center. One Medical Center
Boulevard, Upland, PA 19013

Nov. 1997-
Apr. 1999 Medcenter One Bismarck, ND
Director of Embryology/Andrology Laboratory

Dec. 1994-
May 1997 The Center for Human Reproduction Chicago, IL
Clinical Scientist in A.R.T. Program

Feb. 1994-
Nov. 1994 Fertility Center of New England, Inc. Reading, MA
Director of Assisted Fertilization Program

1991-1993 University of Tennessee Memphis, TN
Department of Obstetrics & Gynecology,
Division of Reproductive Endocrinology,
Section of Reproductive Biology
Instructor, Senior Research Associate

1990-1991 Asbestos Consulting Services, Inc. Baton Rouge, LA
Laboratory Director

1989-1990 Analytical Laboratories of America, Inc. Baton Rouge, LA
Electron microscopist

May 1988 Arch Consulting Service, Inc. Baton Rouge, LA
Electron micorscopist, practical training

1986-1988 Louisiana State University Baton Rouge, LA
Department of Dairy Science
Research Assistant

1984-1986 Louisiana State University Baton Rouge, LA
School of Veterinary Medicine
Department of Epidemiology and Community Health
Research Assistant

1981-1982	Kyoung-Ki Province Government Civil Veterinarian Officer	An-Yang, Korea
1978-1981	The Korean Central Naval Base Director of Food and Water Inspection Laboratory Veterinary Officer, Lieutenant Senior Grade.	Jin-Hae, Korea
1976-1978	The 1 st Marine Corps Division Food Inspector Veterinary Officer, First Lieutenant	Po-Hang, Korea
Mar. 1976- July 1976	Korean Navy Academy Officers' Cadet School Cadet Officer	Jin-Hae, Korea

MEMBERSHIPS

American Society for Reproductive Medicine
 European Society of Human Reproduction and Embryology (ESHRE)
 American Association of Bioanalysts
 International Embryo Transfer Society
 Electron Microscopy Society of America
 Louisiana Society for Electron Microscopy
 American Dairy Science Association
 Honor Society of Agriculture, Gamma Sigma Delta, LSU Chapter
 Louisiana Academy of Sciences
 Korea Veterinarian Association
 Korea Public Health Society
 English language club "The Group" in British Embassy, Seoul, Korea

ACTIVITIES

Sep. 1988	The Division of Continuing Education of Louisiana State University Forty hour course on Sampling and Evaluation of Airborne Asbestos Dust NIOSH 582 Equivalent Certification Course. Certificate.	Baton Rouge, LA
July 1983- Aug. 1983	Scheldewindeke Artificial Insemination Center Short training for semen collection, evaluation, and freezing.	Scheldewindeke, Belgium
Feb. 1983- Mar. 1983	Ghent State University Short Training for Radioimmunoassay of hormones.	Ghent, Belgium
Aug. 1982- Oct. 1982	Ghent State University Intensive Dutch Language course. Certificate.	Ghent, Belgium

May 1982	Short training in dairy factory, “Hollebeekhoeve”.	Kruiabeke, Belgium
Mar. 1982	Ghent State University Short training in the Experimental Dairy Farm.	Ghent, Belgium
Aug. 1981- Sep. 1981	National Agricultural Development Institute Short training course of poultry meat inspection for Veterinarian. License: Poultry meat inspector.	Su-Won, Korea
Jan. 1978- Feb. 1978	Korea Marine Corps Intensive instructor course of martial arts “Tae-Kwon-Do”. Certificate of Black Belt (2 nd Don).	Po-Hang, Korea
July 1975- Aug. 1975	International Work Camp of the negative lepers’ village.	Dae-Jeon, Korea
June 1975- July 1975	National Institute of Health Short training course of microbiology. Certificate	Seoul, Korea
July 1974- Aug. 1974	International Work Camp for “Youth Ground” by UNESCO	Ee-Cheon, Korea
June 1974- July 1974	National Zoo Short training course. Certificate.	Seoul, Korea

PUBLICATIONS

1. Kim HN. Minimal disturbance of meiotic spindle area at intracytoplasmic sperm injection (ICSI) improves fertilization rate with low 3PN rate. Accepted for oral presentation at the 14th Annual Meeting of the ESHRE, Goteborg, Sweden, June 21-24, 1998
2. Ripps BA, Kim HN, Zhu YP, Minhas BS. Effects of platelet activating factor treatment on hyperactivated sperm motion. *Journal of Assisted Reproduction and Genetics* 1997; 14(5):97S
3. Minhas BS, Ripps BA, Zhu YP, Kim HN, Burwinkel TH, Gleicher N. Platelet activating factor and conception. *American Journal of Reproductive Immunology* 1996; 35:267-271.
4. Minhas BS, Kim HN. Electroporation of microfertilized murine embryos. *Biomedical Products* 1994; 19(4):22-23.
5. Burwinkel TH, Kim HN, Buster JE, Minhas BS, Carson SA. Embryo survival after pronuclear injection and trophectoderm biopsy. *American Journal of Obstetrics and Gynecology* 1994; 170:1199-1203.
6. Minhas BS, Kim HN, Zhu YP, Ripps BA, Burwinkel TH. Platelet activation factor treatment of spermatozoa enhances rabbit oocyte fertilization following

- subzonal sperm insertion. *Journal of Assisted Reproduction and Genetics* 1994; 11:308-311.
7. Minhas BS, Zhu YP, Kim HN, Burwinkel TH, Ripps BA, Buster JE. Embryonic platelet activating factor production in the rabbit increases during the preimplantation phase. *Journal of Assisted Reproduction and Genetics* 1993; 10:366-370
 8. Ripps BA, Zhu YP, Burwinkel TH, Kim HN, Buster JE, Minhas BS. Platelet activating factor production from in vitro and in vitro fertilization murine embryos is similar. *American Journal of Reproductive Immunology* 1993; 30:101-104.
 9. Minhas BS, Kim HN, Zhu YP, Ripps BA, Buster JE. Platelet activating factor treatment of spermatozoa enhances fertilization rates of rabbit oocytes utilizing subzonal insertion of sperm. *Theriogenology* 1993; 39:269.
 10. Ripps BA, Zhu YP, Burwinkel TH, Kim HN, Buster JE, Minhas BS. Platelet activating factor production of in vitro fertilized murine embryos is similar to in vivo fertilized embryos. Fortieth Annual Meeting, Society for Gynecologic Investigation, Toronto, Canada, March 31-April 3, 1993; Abstract P 143, p.254.
 11. Minhas BS, Zhu YP, Kim HN, Ripps BA, Buster JE. Platelet activating factor content and release from rabbit spermatozoa is stimulated by progesterone treatment. Fortieth Annual Meetings, Society for Gynecologic Investigation, Toronto, Canada, March 31-April 3, 1993; Abstract P349.
 12. Burwinkel TH, Kim HN, Buster JE, Minhas BS, Carson SA. Murine embryo survival following pronuclear DNA injection and trophoctoderm biopsy. Fortieth Annual Meeting, Society for Gynecologic Investigation, Toronto, Canada, March 31-April 3, 1993; Abstract P349. p.357.
 13. Minhas, BS, Ripps BA, Zhu YP, Kim HN, Buster JE, Carson SA. Platelet activating factor content of human spermatozoa is inversely related to concentration, motility, and motile density parameters of the semen analyses. Fortieth Annual Meeting, Society for Gynecologic Investigation, Toronto, Canada, March 31-April 3, 1993; Abstract S162, p.149.
 14. Kim HN, Burwinkel TH, Ripps BA, Buster JE, Minhas BS. Electroportation of sperm injected oocytes improves fertilization rates and subsequent development. Fortieth Annual Meeting, Society for Gynecologic Investigation, Toronto, Canada, March 31-April 3, 1993; Abstract S163, p.150.
 15. Ripps BA, Zhu YP, Kim HN, Buster JE, Carson SA. Progesterone treatment stimulates human spermatozoal platelet activation factor. American Fertility Society conjointly with the Canadian Fertility and Andrology Society, Montreal, Canada, October 11-14, 1993; Abstract P349, p.357.
 16. Zhu YP, Kim HN, Burwinkel TH, Ripps BA, Buster JE, Minhas BS. Embryonic platelet activating factor (PAF) production increases prior to implantation and is related to advancing embryonic development in the rabbit. Forty-eighth Annual Meeting, American Fertility Society, New Orleans, LA, November 2-5, 1992; Abstract P276, pS183.
 17. Smith AL, Kim HN, Buster JE, Minhas BS. Fertilization and cleavage following subzonal injection of perivitelline sperm recovered from salt stored

- oocytes. Twenty-fifth Annual Meeting, Society for the Study of Reproduction, Raleigh, NC, July 12-15, 1992; *Biology of Reproduction* 46 (Suppl 1), Abstract 208, p.102.
18. Zhu YP, Smith AL, Kim HN, Burwinkel TH, Buster JE, Minhas BS. Embryonic platelet activating factor (PAF) production increases prior to implantation and is related to advancing embryonic development. Thirty-ninth Annual Meeting, Society for Gynecologic Investigation, San Antonio, Texas, March 18-22, 1992; Abstract 164, p.190.
 19. Kim HN, Burwinkel TH, Smith AL, Buster JE, Minhas BS. Microsurgical fertilization of rabbit oocytes matured in vitro. Thirty-ninth Annual Meeting, Society for Gynecologic Investigation, San Antonio, Texas, March 18-22, 1992; Abstract 183, p.200.
 20. Minhas BS, Kim HN, Smith AL, Burwinkel TH, Buster JE. Progesterone treatment of spermatozoa enhances fertilization rates of rabbit oocytes undergoing subzonal insertion of sperm. Thirty-ninth Annual Meeting, Society for Gynecologic Investigation, San Antonio, Texas, March 18-22, 1992; Abstract 436, p.326.
 21. Kim HN, Zhang L, Roussel JD, Godke RA. Development of in vitro fertilized (IVF) bovine oocytes using fetal bovine spleen cell and chick embryo fibroblast monolayers. *Biology of Reproduction* 1991; 44 (Suppl 1): 73.
 22. Kim HN, Zhang L, Roussel JD, Godke RA. Comparison of the effects of cumulus cells and oviductal cells on the development of in vitro fertilized (IVF) bovine embryos. *Proceedings of Louisiana Academy of Sciences* 1990; 53:54.
 23. Zang L, Kim HN, Roussel JD, Godke RA. Incubating bovine oocytes under an oil cover during in vitro fertilization (IVF) procedures. *Proceedings of Louisiana Academy of Sciences* 1990; 53:55.
 24. Kim HN, Hu YX, Roussel JD, Godke, RA. Culturing murine embryos on bovine fetal spleen cell fibroblast and chick embryo fibroblast monolayers. *Theriogenology* 1989; 31:211.
 25. Kim HN, Roussel JD, Amborski GF, Hu YX, Godke RA. Monolayers of bovine fetal spleen cells and chick embryo fibroblasts for co-culture of bovine embryos. *Theriogenology* 1989; 31:212.
 26. Kim HN, Roussel JD, Amborski GF, Hu YX, Godke RA. Preparation of a chicken embryo fibroblast (CEF) co-culture system for bovine embryos. *Proceedings of Louisiana Academy of Sciences* 1989; 52:67.
 27. Kim HN, Roussel JD, Pool SH, Godke RA. The effect of purified FSH on the superovulatory response of dairy heifers. *Proceedings of Louisiana Academy of Sciences* 1989; 52:80.
 28. Kim HN, Hugh-Jones ME, Olcott BM, Strain GM, Godke RA. The "dummy calf" syndrome in neonatal beef calves. *Agri-Practice* 1988; 9(3):23-29.
 29. Kim HN, Roussel JD, Pool SH, Godke RA. The effect of a commercially-available purified FSH and bovine anti-PMSG serum on the superovulation of dairy heifers. *Theriogenology* 1988; 29:267.

30. Kim HN, Roussel JD, Wiemer KE, Godke RA. Freezing bovine embryos using vitrification and direct plugging into liquid nitrogen. *Proceedings of Louisiana Academy of Sciences* 1988; 51:61.
31. Kim HN, Rorie RW, Youngs CR, White KL, Godke RA. The use of anti-PMSG with PMSG for superovulating beef cattle. *Theriogenology* 1987; 27:243.
32. Kim HN, Hugh-Jones ME, Olcott BM, Strain GM, Godke RA. Dummy calf syndrome: The lack of suckling ability in newborn calves. *Proceedings of Louisiana Academy of Sciences* 1987; 50:53.
33. Kim HN, Rorie RW, Youngs GR, Godke RA. Superovulation of beef donors with PMSG and anti-PMSG. *Proceedings of Louisiana Academy of Sciences* 1986; 50:53.
34. Olcott BM, Strain GM, Hugh-Jones ME, Aldridge BM, Cho DY, Kim HN. Suckling problem calves: definition, clinical and pathological findings. *Proceedings of 14th World congress on Diseases of Cattle, Dublin, 1986;* 2:1201-1206.
35. Hugh-Jones ME, Olcott BM, Strain GM, Kim HN, Godke RA. Dummy calves & other nursing disorders (3) epidemiological observations. *Thirty-seventh Annual Meeting ADRWSS, Athens, GA, 1985;* p.45.
36. Kim HN. *Fermented Dairy Products – Yogurt, Cottage Cheese – in the Developing Country. International Course in Food Science and Nutrition. Ghent, Belgium, 1982.*
37. Kim HN. *Manual for the Improvement of Nutrition, Food and Water Hygiene on the Naval Vessel. Jin-Hae, Korea, 1980*

REFERENCES OF HAK-NAM KIM, PH.D., HCLD

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