

## Shao-Ping Weng

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### Education

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*Sep. 2003 - present*

#### **Degree of Doctor of Science**

Division of occupational medicine, School of occupational medicine and industrial hygiene, College of public health, National Taiwan University

*Sep. 1999 - Dec. 2000*

#### **Degree of Master of Medical Science in Assisted Reproduction Technology**

School of Human Development, Faculty of Medicine and Health Sciences, The University of Nottingham, Nottingham, UK

*Sep. 1985 - Jun. 1992*

#### **Medical Degree**

School of Chinese Medicine, China Medical University, Taichung, Taiwan.

Certified Medical Doctor License

Certified Chinese Medical Doctor License

### Work Experience

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*Jul. 2008 – present*

#### **Attending Doctor, Infertility Consultant**

Pan's IVF clinic, Taipei, Taiwan (<http://www.pansivf.com.tw/>)

*Apr. 2006 – May 2007* **Visiting Assisting Researcher and Clinical Fellow**

Division of Reproductive Endocrinology and Infertility, Department of Obstetrics and Gynecology, UCLA, USA

*Nov. 2004 – Mar. 2006* **Attending Doctor, Infertility Consultant**

Division of Reproductive Endocrinology and Infertility, Department of Obstetrics and Gynecology, Chung Shan Hospital, Taipei, Taiwan

*Aug. 2001 – Oct. 2004* **Director**

Division of Reproductive Endocrinology and Infertility, Department of Obstetrics and Gynecology, Kuo General Hospital, Tainan, Taiwan

- Infertility treatment including IVF and laparoscopic surgery
- Leader of Reproductive Technology Laboratory; conducting researches on ovulation processes and A.R.T.

*Nov. 1998 – present*

**Attending Doctor**

Division of Reproductive Endocrinology and Infertility, Department of Obstetrics and Gynecology, Tainan Kuo General Hospital

- Mainly involving in A.R.T. procedures such as ovulation stimulation, oocyte retrieval.
- Performing gynecologic procedures, particularly operative infertility treatment including tubal anastomosis, hysteroscopy and laparoscopic surgery such as treatment for endometriosis.
- Performing obstetric procedures, including delivery of babies and C-section
- Cooperating with department of Chinese Medicine to develop strategies of the intergration of Western medicine and Traditional Chinese medicine in treating infertile couples. For example, applying acupuncture, moxa or Chinese herbal drugs in treatment of infertility

*Jul. 1998 – Jun. 1999* **Clinical Fellow**

Division of Reproductive Endocrinology and Infertility, Department of Obstetrics and Gynecology, National Taiwan University Hospital

- Investigating clinical infertility treatment as well as laboratory work such as fertilization evaluation, sperm preparation, micromanipulation, and cryopreservation.

*Aug. 97 – Aug. 98*

**Chief Residential Doctor**

Department of Obstetrics and Gynecology, Taipei Municipal Yang-Ming Hospital

- Teaching junior residential doctors regarding general obstetrical and gynecological practice.
- Performing and assisting gynecological and obstetrical procedures

*Jul. 94 – Jul. 97*

**Residential Doctor**

Department of Obstetrics and Gynecology, Taipei Municipal Yang-Ming Hospital

- Assist attending doctors dealing with gynecological and obstetrical operations and procedures
- Care of inpatients who were in labor, experiencing surgery, or gynecological problems

- Nov. 95 – Jun. 97*      **Attending Chinese Medical Doctor**  
Yuan-Shan Chinese Medical Clinics
- Providing advice and treatment to patients using acupuncture, moxa, or herb drugs. e.g., infertile patients, interstitial cystitis, subdual hematoma of head, oligospermia. COPD, etc.
  - Helping the project, ” The efficiency of Chinese herb drugs in treatment of Allergic Rhinitis”.

- Sep. 92 – May. 94*      **Junior Medical Officer**  
National Army Ma-Tsu hospital
- General medical practice and dealing emergent operations

## Societies

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- 2006*                      Board certified by the Taiwan Association for Traditional Chinese Medicine of Family (<http://tatcmf.tpech.gov.tw/TATCMF/>)
- 2003 - present*              Member of Taiwan Society of Reproductive Medicine (Board of Taiwan Society of Reproductive Medicine)
- 2000 - present*              Member of American Society of Reproductive Medicine
- 2000 - present*              Member of European Society of Human Reproduction and Embryology
- 2000 - present*              Member of British Fertility Society
- 1997*                        Board certified by the Taiwan Association of Obstetrics and Gynecology

## Honors

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- Jun. 1990 – Jun. 1992*      **Best Intern Doctor Award and Scholarship**, Taipei Municipal Yang-Ming Hospital
- Aug. 1986 – Feb. 1990*      **Academic Scholarship**, China Medical University, Taiwan
- Apr. 2007*                      **Academic Scholarship**, Pacific Coast Reproductive Society

## Selected Publications

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- Oct. 2006* Y.T. Li, F.M. Chen, L.C. Kuan, C.W. Tsi, **S.P. Weng**, T.C. Kuo. The Application of GnRHa in the Gynecologic Malignancy. Taiwanese Journal of Gynecological Oncology. 2006, 2
- Jun. 2006* Y.L. Chen, Y.T. Li, **S.P. Weng**, C.C. Shih, H.S. Cheng, C.J. Chen. Clinical Trial of Gui-Zhi-Fu-Ling-Wan and Auricularia Polytricha Formula in the Treatment of Obese Polycystic Ovary Syndrome. Preliminary Clinical Therapeutics. Taiwanese Journal of Chinese Medicine. 2005, 5(1)
- Mar. 2005* P.N. Lee, **S.P. Weng**, C.H. Tsai, Y.T. Li, I.C. Chuang, C.T. Kuo. Comparison of the Effect of Cytochalasin B and Paclitaxel (Taxol) on Cryopreservation of ICR Mouse Oocytes. Taiwanese Journal of Obstetrics & Gynecology. 2005, 44(1)
- Apr. 2004* S.P. Weng, Y.T. Lee, W.T. Lee, T.C. Kuo. **The Physiology of Inhibin B in Reproductive-aged Woman.** Medicine Today. 2004, 31:(4)
- Sep. 2002* S.P. Weng. **The Debate on Preformation and Epigenesis (I) – How does the metazoan organism develop from a single fertilized cell?** Journal of Taiwan Society of Molecule and Genetics 2002
- Jun. 2002* T.C. Lin, S.P. Weng, W.S. Lin, T.C. Kuo. **The Effectiveness of Metformin Therapy in Women with Polycystic Ovary Syndrome.** Taiwanese Journal of Obstetrics and Gynecology 2002, 41 :2 (43)
- Apr. 2002* C.H. Wu, T.C. Kuo, D.C. Lin, L.C. Kuan, S.P. Weng, I.C. Chu et al. **High implantation potential of embryos can be predicted by observation of pronuclear morphology.** Taiwanese J Obstet Gynecol.;40(4)
- Mar. 2002* S.C. Hou, Z.T. Chang, C.H. Wu, T.C. Lin, S.P. Weng, Y.C. Chu, L.C. Kuan, T.C. Kuo **Uterine Balloon Therapy for Treatment of Abnormal Uterine Bleeding without Organic Lesions.** Taiwanese Journal of Obstetrics and Gynecology 2002, 41 :1 (1)
- Mar. 2002* I.C. Chu, S.C. Hou, C.H. Wu, Z.T. Chang, T.C. Lin, S.P. Weng, L.C. Kua, T.C. Kuo, W.S. Lin. **Subcutaneous Fat of the Fetal Abdomen as a Predictor of Growth Restriction.** Taiwanese Journal of Obstetrics and Gynecology 2002, 41 :1 (7)
- Dec. 2001* S.P. Weng, M. Luck, *et al.* **The Newly Developed Assay for Hyaluronidase in the Follicular Fluid.** Taiwanese Journal of Obstetrics and Gynecology 2001, 40 : 4 (151)

- Oct. 1997* S.P. Weng. **Polycystic Ovarian Syndrome**. Life medicine – The New Advance of Traditional Chinese Medicine 1997, 34 : 1 (1770)
- Jan. 1996* S.P. Weng. **Premature Preterm Labor**. Life medicine – The New Advance of Traditional Chinese Medicine 1996, 27 : 1 (1434)

## International Presentation

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- Dec. 2001* The Newly Developed Assay for Hyaluronidase in the Follicular Fluid. Current status and perspectives in cloning and related studies, Tsukuba, Japan
- May 2005* The ratio of Day 2 and Day 7 Inhibin concentrations in the prediction of the outcome of in-vitro Fertility. PCRS, LA, USA
- Apr. 2007* Chromosome abnormalities in embryos derived from microsurgical epididymal sperm aspiration (MESA) and testicular sperm extraction (TESE). PCRS, LA, USA
- Apr. 2007* Relationship between chromosome complement and embryo development in patients with microsurgical epididymal sperm aspiration (MESA) and testicular sperm extraction (TESE). PCRS, LA, USA
- Apr. 2008* The impact of ovarian functions by ethylene glycol monomethyl ether extends across generation in female mice. PCRS, LA, USA

## Speciality

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Infertility treatment, particularly in reproductive endocrinology and assisted reproductive technology  
Traditional Chinese medicine in Gynecological disorders

## Research Interests

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1. Assisted reproductive technology
  - i. In-vitro fertilization,
  - ii. Micromanipulation,
  - iii. Pre-implantational genetic diagnosis,
  - iv. Reproductive immunology,
2. Developmental biology

- i. Embryology and stem cell biology,
  - ii. Genetic regulation of embryonic development,
  - iii. Signal transduction in cellular and molecular levels,
3. Occupational and environmental reproductive hazard
4. The knowledge of integration of Chinese medicine and Western medicine