

Curriculum Vitae

Tracey L. Couse, BS, MSN, APRN, FNP-C

EDUCATION:

Master of Science in Nursing in Primary Care Nurse Practitioner, Kennesaw State University: 8/2014 - 12/2015

Bachelor of Science in Nursing, Kennesaw State University: 8/2005 - 5/2007

Bachelor of Science in Biology, University of Western Ontario: 9/1989 - 12/1998

Diploma in Medical Laboratory Technology, Fanshawe College: 9/1991 - 5/1994

LICENSURE AND CERTIFICATION:

- Family Nurse Practitioner National Certification, January 2016 - Present
- Advanced Practice Registered Nurse (State of Georgia), March 2016 - Present
- Registered Nurse (State of Georgia), 2007-Present
- CPR certified, 2007-Present
- Registered Nurse First Assist, September 2021-currently enrolled through National Institute of First Assisting

PROFESSIONAL EXPERIENCE:

Kennesaw State University, Fall. 2022 - Present

Limited Term Nursing Instructor

- Skills lab instructor for first semester nursing students
- Clinical instructor for first & second semester nursing students
- Work status: full time, >30 hours per week

Polaris Spine and Neurosurgery, April 2016 - May 2022 (Practice Closed)

Nurse Practitioner, Neurosurgery

- Provider for busy neurosurgical practice
- Independently evaluated and treated office patients
- Performed hospital consultations in collaboration with physician
- Performed hospital rounds on postoperative and consulted patients
- Surgical first assistant for cranial and spinal surgeries
- Pain management of preoperative & postoperative patients in collaboration with practice physiatrists
- Managed mid-level team of 7
- Work status: full time, > 50 hours per week

**Emory Healthcare at Emory Saint Joseph's Hospital, Atlanta, Georgia,
2011 – 2016 (f/k/a Saint Joseph's Hospital)**

Registered Nurse, Vascular Surgery

- Worked up new and established patients for busy vascular surgery clinic
- Assisted physician in vein ablation and vein injection outpatient procedures
- Postoperative drain and suture removal
- Wound care and Unna boot dressing application of high acuity vascular patients
- Coumadin management
- Electronic medical record superuser
- Work status: full time, 40 hours per week

Georgia Vascular Clinic, Atlanta, Georgia (Acquired), 2010 – 2011

Registered Nurse, Vascular Surgery

- Worked up new and established outpatients for busy vascular surgery practice
- Performed hospital consultations and postoperative patient rounding in collaboration with physician
- Assisted physician with vein ablation and vein injection outpatient procedures
- Work status: full time, 40 hours per week

Saint Joseph's Hospital, Atlanta, Georgia , 2007 – 2010

Staff Level II RN, Neurovascular Medical/Surgical

- Cared for complex medical, neurosurgical, and vascular surgery patients on busy medical surgical floor
- Charge nurse responsibilities
- Assisted with creation and implementation of new unit procedures and policies
- Participated on multiple nursing committees including Magnet related, practice improvement, and nursing research
- Selected as nursing research scholar
- Performed research study resulting in poster presentation at local conference
- Work status: full time, 40 hours per week

Georgia Institute of Technology, Atlanta, Georgia, 2001 – 2006

Laboratory Coordinator, Histotechnologist

- Established and operated busy research core histology laboratory contributing to multiple research publications
- Developed and optimized tissue sample processing and staining techniques for in vivo and in vitro specimens
- Performed specimen preparation for in house residents and affiliated users
- Generated laboratory funding through successful core facility
- Educated graduate students and PhDs in histotechniques and equipment use
- Work status: full time, 40 hours per week

Emory University, Atlanta, Georgia, 1998 – 2001

Research Specialist, Lead

- Prepared tissue and performed frozen and paraffin processing
- Optimized and performed specialized staining and in situ hybridization of tissue sections used in research studies and publications
- Managed research molecular pathology laboratory used by building residents
- Educated graduate students, fellows, & physicians on histology techniques.
- Work status: full time, 40 hours per week

University of Western Ontario, London, Ontario, Canada, 1994 – 1998

Research Technician

- Established and managed highly productive and successful pediatric nephrologist's research lab
- Developed working molecular and histotechnology protocols
- Educated graduate students, fellows and physicians in research techniques
- Contributed to numerous medical research publications
- Work status: full time, 40 hours per week

PROFESSIONAL ACTIVITIES:

Professional Association Participation:

- American Association of Nurse Practitioners, 2015-Present
- Georgia Nurses Association, member, 2007-Present
- Association of Perioperative Registered Nurses, member, 2021-Present

PUBLICATIONS:

Journal Articles:

1. Matsell DG, **Bennett T**, Goodyer P, Goodyer C, Han VKM. The pathogenesis of multicystic renal dysplasia: Insights from the study of fetal kidneys. *Laboratory Investigation* 74:883-893, 1996.
2. Matsell DG, **Bennett T**, Bocking AD. Characterization of fetal ovine renal dysplasia following mid-gestation ureteral obstruction. *Clinical and Investigative Medicine* 19:444-452, 1996.
3. Matsell DG, **Bennett T**, Armstrong RA, Goodyer P, Goodyer C, Han VKM. Insulin-like growth factor (IGF) and IGF binding protein gene expression in multicystic renal dysplasia. *Journal of the American Society of Nephrology* 8:85-94, 1997.
4. Matsell DG, **Bennett T**, Han X, Budreau AB, Chesney RW. Regulation of the taurine transporter gene in the S3 segment of the proximal tubule. *Kidney International* 52:748-754, 1997.
5. Matsell DG, **Bennett T**. Evaluation of metanephric maturation in a human fetal kidney explant model. *In Vitro Cell Biology* 34:138-48, 1998.
6. Shibahara T, Wilcox JN, **Couse T**, Madara JL. Characterization of Epithelial Chemoattractants for Human Intestinal Intraepithelial Lymphocytes. *Gastroenterology* 120:60-70, 2001.
7. Okamoto E, **Couse T**, De Leon H, Vinten-Johansen J, Goodman RB, Scott NA, Wilcox JN. Perivascular inflammation after balloon angioplasty of porcine coronary arteries. *Circulation* 104(18):2228-35, 2001.
8. Lawn RM, Wade DP, **Couse TL**, Wilcox JN. Localization of human ATP-binding cassette transporter 1 (ABC1) in normal and atherosclerotic tissues. *Arterioscler Thromb Vasc Biol* 21(3):378-85, 2001.

9. Li L, **Couse TL**, Deleon H, Xu CP, Wilcox JN, Chaikof EL. Regulation of syndecan-4 expression with mechanical stress during the development of angioplasty-induced intimal thickening. *J Vasc Surg* 36(2):361-70, 2002.
10. Szocs K, Lassegue B, Sorescu D, Hilenski LL, Valppu L, **Couse TL**, Wilcox JN, Quinn MT, Lambeth JD, Griendling KK. Upregulation of Nox-based NAD(P)H oxidases in restenosis after carotid injury. *Arterioscler Thromb Vasc Biol* 22(1):21-7, 2002.
11. Nagaraja S, **Couse TL**, Guldberg RE. Trabecular bone microdamage and microstructural stresses under uniaxial compression. *J Biomech* 38(4):707-16, 2005.
12. Martanto W, Moore JS, **Couse T**, Prausnitz MR. Mechanism of fluid infusion during microneedle insertion and retraction. *J Control Release* 112(3):357-61, 2006.

Abstracts:

1. Matsell DG, **Bennett T**, Goodyer P, Goodyer C, Han VKM: Induction of nephrogenesis in renal dysplasia. *Clinical and Investigative Medicine* 18:B93, 1995.
2. Matsell DG, **Bennett T**, Bocking AD, Han VKM: Characterization of fetal ovine renal dysplasia following mid-gestation ureteral obstruction. *Clinical and Investigative Medicine* 18:B100, 1995.
3. Matsell DG, **Bennett T**, Bocking AD, Han VKM: Altered insulin-like growth factor (IGF) and IGF binding protein gene expression in fetal ovine renal dysplasia. Program and Abstracts of the 10th International Congress of Endocrinology P3-97, 770, 1996.
4. Matsell DG, Asano H, Goodyer C, Goodyer P, **Bennett T**, Han VKM: Localization of epidermal growth factor receptor (EGF-R) mRNA in the developing human placenta. Program and Abstracts of the 10th International Congress of Endocrinology P2-196, 453, 1996.
5. Matsell DG, **Bennett T**, Spangenberg H, Clark WF, Parbtani A: Alteration of the insulin-like growth factor (IGF) system in MRL/lpr lupus mouse. *Clinical and Investigative Medicine* 19:4-S69, 1996.
6. Ouellette Y, Matsell DG, Morrissey G, **Bennett T**, Johnson C, Singh NC: Early expression of growth factors in acute tubular necrosis in piglets. Ninth Annual Paediatric Critical Care Colloquium, 1996.
7. Matsell DG, **Bennett T**, Han X, Budreau AM, Chesney RW: Expression and regulation of the taurine transporter gene in the S3 segment of the proximal tubule. *Journal of the American Society of Nephrology* 7:1302, 1996. Blue Ribbon Abstract.
8. Okamoto E, **Couse TL**, Goodman RB, Scott NS, Wilcox JN: Perivascular Inflammation after Balloon Angioplasty of Porcine Coronary Arteries. Program and Abstracts of the 72nd Annual American Heart Association Scientific Session, 2000.
9. Wilcox JN, **Couse TL**, Wade DP, Lawn RM: Localization of Human ATP-Binding Cassette Transporter 1 (ABC1) in Normal and Atherosclerotic Tissues by in Situ Hybridization. Program and Abstracts of the 72nd Annual American Heart Association Scientific Session, 2000.
10. **Couse, T**: Impact of a Fall Prevention Program on Hospital Fall Rates. Evidence Based Practice Toolkit for Bedside Nurses Conference Poster Session, 2010.

Book Chapters:

1. **Couse, T**, and Heard, K. (2016). "Tragedy to Triumph: Life History of an Older Woman Living with AIDs." In M. de Chesnay (Ed). *Nursing Research Using Case Studies: Qualitative Designs and Methods in Nursing*. Springer Publishing. doi 10.1891/9780826131935.0015