

# Jennifer Graves-Herring, M.S., B.S., Assisted Reproductive Technologist



*“One of the most important values in an IVF program is to continually stay up to date with the latest procedures and be sure these procedures can be incorporated into the program. This process requires research to improve the procedures for our patients. When research is performed and good results occur the next step is to get this knowledge out to other IVF programs. Through my education, research and experience in the IVF laboratory, I hope to continue my research of improving IVF procedures here at ETSU Fertility Services to give our patients the best care possible.”*

## Pursuing Educational Goals

*“After I received my Bachelor of Science degree in Animal Science, I chose to further my education and pursue a Master of Science degree (M.S.) in the same area with an emphasis in the area of in vitro maturation (IVM) and fertilization (IVF). Soon after receiving my M.S. degree, I was given the opportunity to work with the Greenville Hospital System in their IVF program. While employed by GHS, I gained expertise in many other assisted reproductive technology procedures as well as expanded my knowledge in the embryology and andrology disciplines. Presently, I am continuing on my path toward becoming an Embryology Laboratory Director by completing my doctorate degree.”*

- 2003 to Present ..... Clemson University, Clemson, South Carolina  
Ph.D. Elect.
- 2000 ..... Clemson University, Clemson, South Carolina  
Master of Science. Major: Animal Physiology
- 1997 ..... Clemson University, Clemson, South Carolina  
Bachelor of Science. Major: Animal Science
- 1992 ..... Tri County Technical College  
Associate Degree. Major: Applied Health Science

## A.R.T. Experience and Training

- 2007 - Present ..... ETSU Fertility Services, Johnson City, Tennessee  
**Assisted Reproductive Technologist**
- 2000 - 2007 ..... Division of Reproductive Endocrinology and Infertility,  
Department of OB/GYN, University Medical Group,  
Greenville Hospital System, Greenville, South Carolina  
**Assisted Reproductive Technologist III**

## Furthering Research in the Field

- Select Publications..... Graves, JE; Richardson, ME; Bernard, RS; Camper, ND; Bridges, WC. Atrazine Effects on *in vitro* Maturation and *in vitro* Fertilization in the Bovine Oocyte. *Journal of Environmental Science and Health*. B37(2), 1-10 (2002).
- Graves, JE; Higdon III, HL; Johnson, JE; Blackhurst, DW; Boone, WR. Longevity of Donor Serum. *Journal of Assisted Reproduction and Genetics*. 2004;21(2):51-53.
- For a complete list of publications, please inquire.*
- Selected Presentations.... Graves-Herring, JE; Boone, WR. A comparison of DNA damage between vitrified and slow-cooled mouse embryos. Platform presentation at the Society for the Study of Reproduction, San Antonio, Texas, July 21-25, 2007.
- Graves-Herring, JE; Boone, WR. Lengthy exposure to vitrification solution causes an increase in DNA damage. Poster presentation at the American Society for Reproductive Medicine, October 21-25, 2006.
- For a complete list of presentations, please inquire.*

ETSU  
**Fertility Services**

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