

# Sahadat Kemi Nurudeen, M.D.

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**SPECIALITY:** Reproductive Endocrinology and Infertility

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## ***WORK EXPERIENCE***

Houston Fertility Institute - Reproductive Endocrinologist, Director of Fertility Preservation 2013 – present  
Houston, TX

## ***EDUCATION***

Columbia University Medical Center Reproductive Endocrinology and Infertility 2010 - 2013  
Fellowship Training Program  
New York, NY

Georgetown University Hospital Obstetrics and Gynecology Residency Training Program 2006 - 2010  
Washington, DC  
▪ Administrative Chief Resident

Texas A&M University System Health Science Center College of Medicine 2002 - 2006  
College Station/Temple, Texas  
▪ Doctor of Medicine

Texas A&M University 1999 - 2002  
College Station, Texas  
▪ Texas A&M University Medical Science Scholar (7 year B.S./M.D. program)  
▪ Bachelor of Science in Biomedical Science, *magna cum laude*

## ***LICENSURE & CERTIFICATION:***

- New York State Medical License 2010 - present
- Texas State Medical License 2013 - present
- Board Certified: Obstetrics and Gynecology 2014
- Board Certified: Reproductive Endocrinology and Infertility 2015

## ***HONORS & AWARDS***

Georgetown University Hospital Reproductive Endocrinology & Infertility Award 2010  
Georgetown University Hospital Maternal Fetal Medicine Award 2010  
Friendswood High School Athletic Hall of Honor Inductee 2009  
Academic All-Big 12 Conference Track and Field Team 2000 - 2003  
Texas A&M Superior Scholar Athlete 2000 - 2003  
Texas A&M All Time Top 10 performers in Women's Heptathlon 2000 - present  
Texas A&M University Lettermen's Award 2000  
Phi Beta Kappa Honor Society 1999 - 2003  
Texas A&M University Dean's List 1999 - 2003  
Alpha Kappa Alpha National Academic Achievement Award 2001 - 2003  
Texas A&M University President's Endowed Scholar 1999 - 2003  
Texas A&M University Scholars Award 1999 - 2003

## ***PROFESSIONAL MEMBERSHIPS***

Houston Gynecological and Obstetrical Society 2014 – present  
Houston Medical Forum 2014 – present  
Columbia University Medical Center Sloane Alumni Association 2013 - present  
Georgetown University Medical Center Alumni Association 2010 - present  
American Society for Reproductive Medicine 2007 - present

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| Fertility Preservation Special Interest Group                    | 2014 – present |
| Society for Reproductive Endocrinology and Infertility Associate | 2014           |
| American College of Obstetricians and Gynecologists              | 2006 - present |
| American Society for Colposcopy and Cervical Pathology           | 2006 - 2010    |
| American Medical Association                                     | 2003 - 2006    |
| National Medical Association                                     | 2004 - present |
| Texas A&M University Athletic Letterman's Association            | 2000 - present |
| Alpha Kappa Alpha Sorority, Inc.                                 | 2000 - present |

### ***LEADERSHIP EXPERIENCE***

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| Houston Gynecological and Obstetrical Society Board Member  | 2018           |
| Houston Medical Forum Scholarship Gala Fundraising Chair  | 2018           |
| Houston Medical Forum Scholarship Gala Fundraising Chair  | 2017           |
| The Museum of Fine Arts Houston Benefactor  | 2017 - present |
| Georgetown University Hospital OB/GYN Residency Training Program<br>Administrative Chief Resident     | 2009 - 2010    |
| Student National Medical Association Region III Secretary   | 2005 - 2006    |
| Student National Medical Association Region III Conference Publicity Chair                            | 2005           |
| Student National Medical Association Region III Health Fair Donations/Sponsorships<br>Committee Chair | 2004           |
| Student National Medical Association Chapter Treasurer  | 2003 – 2004    |
| Texas A&M University System Health Science Center College of Medicine Class Treasurer                 | 2002 - 2006    |

### ***PUBLICATIONS***

Nurudeen S, Douglas N, Mahany E, Sauer M, Choi J. Fertility preservation decisions among newly diagnosed oncology patients: a single center experience. *American Journal of Clinical Oncology*. April 2016, 39(2): 154-159.

Sullivan-Pyke C, Nurudeen S, Grossman L, Sauer M, Douglas N. Fertility treatment options for HIV infected individuals. *Future Virology*; Aug 2013, (8): 1219-1231.

Nurudeen S, Grossman L, Bourne L, Guarnaccia M, Sauer M, Douglas N. Reproductive Outcomes of HIV Seropositive Women Treated by Assisted Reproduction. *Journal of Women's Health*. Mar 2013, 22(3): 243-249.

Isgro J, Nurudeen S, Imundo L, Sauer M, Douglas N. Cyclophosphamide (CYC) Exposure in Pediatric Systemic Lupus Erythematosus (pSLE) Is Associated With Reduced Serum Anti-mullerian (AMH) Hormone Levels. *Journal of Rheumatology*. Jun 2013, 40(6): 1029-1031.

Douglas N, Thornton M, Nurudeen S, Bucur M, Ferin M, Lobo R, Sauer M. Differential Expression of Serum Glycodelin and IGFBP-1 in Early Pregnancy. *Reproductive Sciences*. Nov 2013, 20(11): 1376-1381.

Nurudeen S, Levine B, Thornton M. Selecting and Screening Donors. In: M. Sauer (Ed.). *Principles of Oocyte and Embryo Donation*. 2nd ed. New York, NY: Springer Publishing; 2012.

Levine B, Nurudeen S, Gosselin J, Sauer M. Addressing the fertility needs of HIV-seropositive males. *Future Virology*. March 2011, 6(3): 299-306

Levine B, Nurudeen S, Choi J, Sauer M. Ovarian Ectopic Pregnancy after Clomiphene Citrate and Intrauterine Insemination. *Journal of Gynecologic Surgery*. December 2011, 27(4): 267-269.

McCarthy-Keith D, Nurudeen S, Armstrong A, Levens E, Nieman LK. Recruitment and Retention of Women for Clinical Leiomyoma Trials. [published online ahead of print Sept 27 2009]. *Contemporary Clinical Trials*. Jan 2010, 31(1): 44-8.

Nurudeen S, Alford C, DeCherney A. Physiology of Reproduction in Women. In: DeCherney A, Goodwin T, Nathan L, Laufer N (Eds). *Current Diagnosis and Treatment: Obstetrics and Gynecology*. 11<sup>th</sup> ed. New York, NY: McGraw-Hill; 2010.

Joseph DS, Malik M, Nurudeen S, Catherino WH. Myometrial cells undergo fibrotic transformation under the influence of transforming growth factor beta-3. *Fertility Sterility*. March 2010, 93(5): 1500-1508.

Browne H, Nurudeen S, Armstrong A, DeCherney A. Ethical and Psychological Considerations in Fertility Preservation Counseling. *The Cancer Journal*. Sept-Oct 2008. 14(5): 340-342.

### ***ORAL PRESENTATIONS***

Nurudeen S, Shirazi M, Prosser R, Warburton D, Sauer M, Jobanputra V. Structural Maintenance of Chromosome 1- $\beta$  Expression in Aging Human Oocytes. Accepted for oral presentation at the Annual Meeting of the Society for Gynecological Investigation, Florence, IT. March 2014.

“Elective Single Embryo Transfer (eSET): Its imminent role in ART”, Columbia University Hospital. OB/GYN Grand Rounds. July 2012.

“Understanding Infertility: An Overview of Causes and Treatment Options”, Center for Women’s Reproductive Care at Columbia University. Patient Fertility Workshops. September 2010 – September 2012.

“Single Embryo Transfer”. The Ethnic Diversity Fertility Conference. JK Fertility, LLC. November 2011.

“Congenital Adrenal Hyperplasia”, Columbia University Hospital. OB/GYN Grand Rounds. April 2011.

### ***ABSTRACTS***

Shah J, Huang C, Vigil A, Barr C, Nurudeen S, Wang W, Abdallah M. Fresh vs frozen embryo transfer in frozen donor egg IVF and preimplantation genetic screening cycles. Accepted for poster presentation at the Annual Meeting of the American Society of Reproductive Medicine 2016.

Grossman L, DeVore S, Adeleye A, Nurudeen S, Rudick B, Thornton M, Sauer M. African American Recipients of Donor Oocytes Have Lower Embryo Implantation Rates As Compared To Matched Caucasian Controls. Accepted for poster presentation at the Annual Meeting of the American Society of Reproductive Medicine 2014.

Nurudeen S, Shirazi M, Prosser R, Warburton D, Sauer M, Jobanputra V. Structural Maintenance of Chromosome 1- $\beta$  Expression in Aging Human Oocytes. Accepted for oral presentation at the Annual Meeting of the Society for Gynecological Investigation, Florence, IT. March 2014.

Jobanputra V, Nurudeen S, Shirazi M, Prosser R, Naini A, Kline J, Sauer M, Warburton D. Maternal age dependent loss of SMC1 $\beta$  transcripts in human oocytes. Accepted for poster presentation at the Annual Society of Human Genetics Meeting, October 2013.

Nurudeen S, Grossman L, Sauer M, Douglas N. Assisted reproduction technology (ART) serves the fertility needs of healthy HIV seropositive women. Accepted for poster presentation at the Annual Meeting of the American Society of Reproductive Medicine, Oct 2012.

Grossman L, Isgro J, Nurudeen S, Sauer M, Lobo R, Douglas N. Cyclophosphamide (CYC) Exposure in Pediatric Patients with Systemic Lupus Erythematosus (pSLE) Is Associated With Reduced Serum Anti-mullerian (AMH) Levels. Accepted for poster presentation at the Annual Meeting of the American Society of Reproductive Medicine, Oct 2012.

Nurudeen S, Douglas N, Thornton M, Lobo R, Sauer M. Glycodelin, IGFBP-1, VEGF and sFLT-1 as biomarkers of successful embryo implantation in recipients of oocyte donation. Accepted for poster presentation at the Annual Meeting of the Society for Gynecological Investigation, Miami, FL. Mar 2011.

Nurudeen S, Browne H, Armstrong A, Richter K, DeCherney A, Widra E. Is anti-mullerian hormone (AMH) a predictor of ovarian response in infertile women < 35 years of age with an elevated day 3 FSH level? Accepted for poster presentation at the Annual Meeting of the American Society of Reproductive Medicine, Atlanta, GA, Oct 2009.

Nurudeen S, Karp B, Vieira M, Liu S, Idriss A, Stratton P. Conveying Future Fertility Risk to Patients Participating in Clinical Trials using Total Body Irradiation or Cytotoxic Agents. Accepted for poster presentation at the Annual Meeting of the American Society of Reproductive Medicine, Atlanta, GA, Oct 2009.

Pattaratornkosohn T, Vieira M, Japp E, Brusati A, Liu S, Gonzalez A, Khachikyan I, Nurudeen S, Idriss A, Battuello P, Karp B, Stratton P. Pregnancy testing in study protocol and patient consents: Reducing risk to women of childbearing potential in NIH Intramural clinical trials. Accepted for poster presentation at the National Institute of Health Research Festival, Bethesda, MD, Oct 2008.

Vieira M, Pattaratornkosohn T, Brusati A, Liu S, Japp E, Gonzalez A, Khachikyan I, Nurudeen S, Idriss A, Battuello P, Stratton P, Karp B. A Systematic Review of the Requirements for Contraception in Women of Child-bearing Potential in Intramural Research Program Clinical Trials. Accepted for poster presentation at the National Institute of Health Research Festival, Bethesda, MD, Oct 2008.

Shipley S, Nurudeen S, Richter K, Tucker M, Widra E. Analysis of biochemical and biophysical risk factors for monozygotic twinning observed within an in vitro fertilization program. Accepted for poster presentation at the Annual Meeting of the American Society of Reproductive Medicine, San Francisco, CA, Oct 2008.

***SPECIAL INTERESTS***

Dance performing and visual arts, running, cycling, Bikram yoga, reading and travel.