

Nina Resetkova, MD, MBA

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BRIEF SUMMARY

Passionate clinician with a strong focus on the incorporation of ground-breaking fertility technology and personalized medicine into daily patient encounters. Clinical and research interests include preimplantation genetic testing and LGBTQ fertility care.

CURRENT POSITION

8/17 – Present **Physician, Reproductive Endocrinology and Infertility,
Boston IVF/ Beth Israel Deaconess Medical Center, Boston, MA
Instructor, Harvard Medical School, Boston, MA**

- Job responsibilities include: office patient care and gynecologic as well as fertility related surgical procedures, interdisciplinary communication with other care providers, team-based coordination of patient care and communication, regular teaching of medical students, residents, and fellows from three Boston area institutions, as well as the design and implementation of clinical research studies

EDUCATION

7/14-6/17 **Beth Israel Deaconess Department of Obstetrics and Gynecology,
Boston IVF / Harvard Medical School, Boston, MA**
Fellow, Reproductive Endocrinology and Infertility
Instructor, Harvard Medical School
Research Fellow, Harvard Department of Stem Cell and Regenerative Biology

7/11-6/14 **Johns Hopkins University School of Medicine, Baltimore, MD**
Resident, Obstetrics and Gynecology

7/10-6/11 **Johns Hopkins University School of Medicine, Baltimore, MD**
Intern, Obstetrics and Gynecology

8/06-5/10 **Texas Tech University Health Sciences Center, Lubbock, TX**
Medical Doctorate

5/06-5/10 **Texas Tech University Health Sciences Center, Lubbock, TX**
M.B.A., Health Organization Management

9/01-6/05 **McGill University, Montreal, QC, Canada**
Bachelor of Science in Biochemistry with Minor in Management

CERTIFICATIONS AND LICENSURES

2015 Board Certification, American Board of Obstetricians and Gynecologists
2015 Fundamentals of Laparoscopic Surgery Certification
2008 Certificate of participation, Health Law program
 Texas Tech University Law School

MEMBERSHIP

American College of Obstetricians and Gynecologists
American Institute for Ultrasound in Medicine
American Society for Reproductive Medicine
New England Fertility Society

HONORS AND AWARDS

- 2016 **Beth Israel Deaconess Medical Center Fellow Research Poster Competition**
Research Award
- 2016 **Integrated National Innovation in Research Grant for Scientific Research**
The Day 5 Human Embryo: a three tiered analysis of the embryo's transcriptome, genome, and developmental progression with time lapse imaging and serial biopsy
- 2016 **New England Fertility Society eIVF Grant**
It's in the numbers: rates of aneuploidy are lowest when 15-35 oocytes are retrieved
- 2016, 2015 **Pacific Coast Reproductive Society Travel Award**
- 2014 **Bedside Manner Award**, selected by classmates upon residency graduation from Johns Hopkins Gynecology and Obstetrics Program
- 2013 **American Society for Reproductive Medicine** IFFS/ASRM In-Training Award
- 2013 **American Society for Reproductive Medicine** ASRM CMC In-Training Award
- Awards granted to a trainee presenting on a topic of importance at the annual national meeting for the American Society for Reproductive Medicine
- 2010 **Gold Humanism Honor Society Recipient**
- 2009 **Susan Stanton Memorial Scholarship**, awarded for outstanding student in Health Organization Management MBA, Texas Tech University
- 2009 **Seed Grant Recipient**, Curriculum for the Interdisciplinary Medical Professions, Texas Tech University Health Sciences Center Institutional Quality Enhancement Plan
- 2008 **Golden Key International Honor Society Recipient**
- 2006 **Texas Tech University Health Sciences Center Entrance Scholarship Recipient**
- 2001 **Millennium Scholarship Recipient** of the Canadian Government: awarded for academic performance and contribution to school and community
- 2001 **Samaritan Award, City of Toronto** – awarded for the rescue of a drowning victim
- 1995 **Top 10 Canadian female chess players under the age of 20** National Ranking

RESEARCH AND PUBLICATIONS

Electronic Publications and Popular Press:

Michelle Obama's IVF Experience Helps Strike Down a Common Myth About Infertility – Yahoo.com, November 2018

<https://www.yahoo.com/lifestyle/michelle-obama-ivf-experience-helps-170300459.html>

This is how 4 Women Decided to Become OB/GYN's – Bustle.com, February 2018

<https://www.bustle.com/p/how-do-you-become-obgyn-4-doctors-share-why-they-chose-to-specialize-in-reproductive-health-8064613>

Understanding Secondary Infertility – BayStateParent, September 2017

<https://www.baystateparent.com/2017/11/29/understanding-secondary-infertility/>

Publications:

1. Leung A, Sakkas D, Pang S, Thornton K, **Resetkova N**. Assisted reproductive technology outcomes in female to male transgender patients compared to cis-gender patients: a new frontier in reproductive medicine (in submission)
2. **Resetkova N** and Groff A, DiDomenico F, Sakkas D, Penzias A, Rinn J, Eggan K. RNA seq as a tool for diagnosing human embryo competence (in review)
3. Modest A, Johnson K, **Resetkova N**, Young B, Hacker, M, Karumanchi, A. Risk of ischemic placental disease is increased following donor in vitro fertilization: a retrospective cohort study (in submission)
4. Resetkova N, Sakkas D, Bayer S, Penzias, Alper M. Home-Based Ultrasound Monitoring for In Vitro Fertilization is a feasible method of in cycle monitoring (in submission)
5. Johnson KM, Hacker MR, **Resetkova N**, O'Brien B, Modest AM. Risk of ischemic placental disease in fresh and frozen embryo transfer cycles. *Fertil Steril*. 2019 Apr;111(4):714-721.
6. Murphy LA, Seidler EA, Vaughan DA, **Resetkova N**, Penzias AS, Toth TL, Thornton KL, Sakkas D. To test or not to test? A framework for counselling patients on preimplantation genetic testing for aneuploidy (PGT-A). *Hum Reprod*. 2019 Feb 1;34(2):268-275.
7. Vaughan DA, Leung A, **Resetkova N**, Ruthazer R, Penzias A, Sakkas D, Alper M. How many oocytes are optimal to achieve multiple live births with one stimulation cycle? The one-and-done approach. *Fertil Steril*. 2017 Feb;107(2):397-404.e3.
8. O'Brien K, Shainker S, Modest A, Spiel M, **Resetkova N**, Shah N, Hacker M. Cost Analysis of Following Up Incomplete Low-Risk Fetal Anatomy Ultrasounds. *Birth*. 2017 Mar;44(1):35-40.
9. Selter J, Christianson M, Washington C, **Resetkova N**, Kolp L. Hydronephrosis: A Rare Presentation of Uterine Didelphys with Obstructed Hemivagina and Ipsilateral Renal Agenesis. *J Pediatr Adolesc Gynecol*. 2016 Jun;29(3):e53-5.
10. **Resetkova N**, Christianson MS. Fertility preservation for prepubertal girls: updates and challenges. *Curr Obstet Gynecol Rep*. 2013 Dec 1;2(4):218-225.
11. Swelstad BB, Brezina PR, Johnson CT, **Resetkova N**, Woo I, Kolp L. Primary Infertility Associated with Neuroendocrine Tumor (Carcinoid) of the Appendix. *Asian Pacific Journal of Reproduction*. 2012; 1(2):143-145.

Book Chapters:

1. **Resetkova N**, Aluko A. Cost-Effectiveness of High Versus Low Complexity ART Treatments. Invited publication for Encyclopedia of Reproduction, Volume 5
2. **Resetkova N**, Alper, M. Oocyte Retrieval. Handbook of In Vitro Fertilization, Fourth Edition - Gardner and Simón, 2016
3. **Resetkova N** and Szymanski L. Hematologic Diseases in Pregnancy. In: Johnson, C *et al* (Ed). *The Johns Hopkins Manual of Gynecology and Obstetrics*, Fifth Edition. Philadelphia: Lippincott Williams and Wilkins, 2014
4. **Resetkova N** and Rogers L. Female Sexual Dysfunction. In: Johnson, C *et al* (Ed). *The Johns Hopkins Manual of Gynecology and Obstetrics*, Fifth Edition. Philadelphia: Lippincott Williams and Wilkins, 2014

Platform and Invited Presentations at Regional and National and International Meetings:

“Contemporary management and developing treatment strategies for infertility in PCOS patients”
Invited Speaker, South Shore Hospital Grand Rounds, June 2019
South Weymouth, MA

Presenter
Men Having Babies, October 2017
New York, NY

“Access to Care: Simplification of Assisted Reproductive Technologies”
Invited Speaker, American Society for Reproductive Medicine Annual Congress October 2017
San Antonio, TX

“Patient Friendly IVF”
Harvard Shenzhen Annual Conference, Shenzhen, China, April 2018
Invited Speaker

Embryo Biology Oral Abstract Session
Invited Moderator, American Society for Reproductive Medicine Annual Congress October 2016
Salt Lake City, UT

“Cost Effectiveness in Obstetrics and Gynecology”
Grand Rounds Presentation to the Department of Obstetrics and Gynecology
Beth Israel Deaconess Medical Center, June 2016
Boston, MA

“In vitro fertilization (IVF) with 23-chromosome pair preimplantation genetic screening (PGS) is cost effective to achieve a live birth compared to IVF alone for recurrent pregnancy loss (RPL)”
Oral presentation, American Society of Reproductive Medicine Annual Congress, October 2013
Boston, MA

“In vitro fertilization (IVF) with 23-chromosome pair preimplantation genetic screening (PGS) is cost effective to achieve a live birth compared to IVF alone for recurrent pregnancy loss (RPL)”
Featured Resident Presenter at the Annual Nicholson J. Eastman Visiting Lectureship, May 2013.
Department of Gynecology and Obstetrics, Johns Hopkins Hospital
Baltimore, MD

“CIMP: Curriculum for Interdisciplinary Medical Professions.”
Featured Presenter on Interdisciplinary Education and Team Learning Outcomes.
Quality Enhancement Conference, Texas Tech University Health Sciences Center. October 2009
Lubbock, TX

PROFESSIONAL ACTIVITIES

Leadership:

2017-2018	New England Fertility Society , Secretary
2016	Special Committee on the Sustainability of Private Practice , Member Massachusetts Medical Society
2015-2016	Quality Improvement Committee , Member Beth Israel Deaconess Medical Center Department of Obstetrics and Gynecology
2013-2014	House Staff Council , Vice Chair of Communications The Johns Hopkins Hospital
2013-2014	Patient Safety and Quality Council , Member The Johns Hopkins Hospital
2012-2013	Ethics Committee , Member The Johns Hopkins Hospital
2009-2010	Quality Enhancement Plan , Project Leader Texas Tech University Health Sciences Center
2008-2009	Dean's Ambassador Program , President Texas Tech University Health Sciences Center School of Medicine

Teaching, Employment and Other Activities:

2014-present	Instructor, Harvard Medical School, Boston, MA
2017-present	Mentor to residents with an interest in pursuing a career in fertility medicine, Obstetrics and Gynecology residency program, Beth Israel Deaconess Medical Center, Boston, MA
2016	Mentor, Senior Research Project of graduating Internal Medicine Resident Beth Israel Deaconess Medical Center, Boston, MA
2015-2017	Tutor, Harvard Medical School, Boston, MA
2014-2017	Preceptor, Beth Israel Deaconess Medical Center Obstetrics and Gynecology Resident and Medical Student clinic, Boston, MA
2013	Instructor, PRECEDE GYN/OB medical student curriculum The Johns Hopkins Hospital, Baltimore, MD
2012	Resident Rotator, Obstetrics and Gynecology, Hospital Administration Corniche Hospital, Abu Dhabi, UAE
2008	Coordinator, Program for the Advancement of Disadvantaged Students interested in the Health Professions, Texas Tech University Health Sciences Center, Lubbock, TX
2005-2006	Blood Bank Medical Technologist, The U.T.MD Anderson Cancer Center, Houston, TX,
2004-2005	Teaching Assistant, Organic Chemistry, McGill University, Montreal, CA
2001-2005	Lifeguard and Swim Instructor, McGill University, Montreal, CA
1999-2001	Head Lifeguard and Swim Instructor, Toronto City Parks and Recreation, Toronto, CA
1997-2001	Independent children's chess instructor, Toronto, CA

Advocacy:

Albany, NY
RESOLVE Lobby Day for Infertility, May 2018
Issue addressed: IVF mandate for NY state (passed)

Washington, DC
ACOG (American College of Obstetricians and Gynecologist) Lobby Day, May 2014
Issue Addressed: increased funding for gestational diabetes research

Austin, TX
TMA (Texas Medical Association) Lobby Day, April 2007
Issue addressed: increased state Graduate Medical Education funding (passed)