

Nevena Krstić

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EDUCATION

University of Texas Health Science Center, Houston, Texas Aug. 2010-May 2012
Graduate School of Biomedical Sciences Master
of Science in Genetic Counseling

University of Florida, Gainesville, Florida Aug. 2006-May 2010
Bachelor of Science in Microbiology and Cell Science
Minor in Classical Studies, Cum Laude

CERTIFICATION

American Board of Genetic Counseling 2012

PROFESSIONAL EXPERIENCE

University of South Florida (USF) Health Jan. 2018-Present
USF Fetal Care Center of Tampa Bay, Tampa, FL
Prenatal Genetic Counselor

- Provide prenatal and preconception genetic counseling services to patients with various maternal and fetal indications
- Provide counseling regarding genetic testing and test results to patients and referring physicians
- Offer patients and providers resources to help manage outcomes and make informed decisions
- Establish and perform teratogen counseling services through the USF Exposures Clinic
- Collaborate with multidisciplinary team for continuation of patient care after delivery

MotherToBaby (MTB) Florida, Tampa, FL Jan. 2018 - Present
Program Coordinator and Teratogen Information Specialist

- Oversee program design and administration, data collection, research projects and internal quality assurance.
- Provide public and professional education, marketing material, and maintain social media account
- Assess risks associated with various exposures in pregnancy or lactation and communicate these risks to patients and providers via telephone or email counseling
- Recruit for various MotherToBaby Pregnancy Studies

University of South Florida Genetic Counseling Program, Tampa, FL Jan. 2023- Present
Associate Program Director

- Provide program coordination, course instruction, as well as contribute to administrative responsibilities
- Provide instructional planning including design, implementation, coordination, and evaluation of clinical or didactic aspects of the curriculum
- Monitor, evaluate, and remediate student performance
- Collaborate with the Program Leadership to fulfill the responsibilities outlined by Accreditation Counsel for Genetic Counseling Standards

University of South Florida Genetic Counseling Program, Tampa, FL July 2019 – Dec 2022
Director of Fieldwork Training

- Coordinate fieldwork training for introductory, summer, and advanced rotations within a variety of clinical specialties, including prenatal, pediatric, cancer, and laboratory
- Communicate with fieldwork rotation supervisors regarding student performance, evaluations, program

changes, etc.

- Collaborate with the Program Director to fulfill the responsibilities outlined by Accreditation Council for Genetic Counseling Standards

McGovern Medical School at the University of Texas Health Science Center

The Fetal Center at Memorial Hermann Hospital, Houston, TX

July 2014-July 2017

Prenatal Genetic Counselor

- Provided prenatal and preconception genetic services to patients with various indications
- Counseled patients with complex fetal anomalies and genetic diagnoses
- Counseled patients with complex fetal congenital heart disease as part of Fetal Cardiology Program
- Worked with patients with diverse socioeconomic, educational, cultural, and linguistic backgrounds
- Ordered, coordinated, and interpreted genetic testing results, including cytogenetics, microarray, whole exome sequencing (WES), cfDNA screening, carrier screening, maternal serum screening, etc.

Baylor College of Medicine and Texas Children's Fetal Center, Houston, TX

June 2012-July 2014

Prenatal Genetic Counselor

ACADEMIC APPOINTMENTS

Assistant Professor

January 2018-Present

Department of Obstetrics and Gynecology
University of South Florida Morsani College of Medicine

Assistant Professor, Courtesy Appointment

May 2018-Present

University of South Florida College of Public Health

Clinical Instructor/Faculty

July 2014-July 2017

Department of Obstetrics, Gynecology and Reproductive Sciences
University of Texas Health Science Center, Houston, TX

Associate Faculty

Jan. 2015-July 2017

University of Texas Genetic Counseling Program
Graduate School of Biomedical Sciences

Clinical Instructor/Faculty

July 2013-July 2014

Department of Molecular and Human Genetics
Baylor College of Medicine, Houston, TX

PROFESSIONAL INVOLVEMENT

National Society of Genetic Counselors (NSGC), Full Member	2012-Present
American Board of Genetic Counseling (ABGC), Diplomate	2012-Present
Prenatal Special Interest Group, NSGC, Member	2012-Present
IVF/ART Special Interest Group, NSGC, Member	2014-Present
Leadership Special Interest Group, NSGC, Member	2018-Present
Florida Association of Genetic Counselors (FLAGC), Full Member	2018-Present
Teratology Society Member, Associate Member	2018-Present
Organization of Teratogen information Specialists (OTIS), Full Member	2018-Present
Education Committee, MotherToBaby	2018-Present
Abstracts Committee, MotherToBaby	2018-Present

Marketing and Website Committee, MotherToBaby	2018-Present
Board of Directors, Quality Control (OTIS)	2021-Present
Association of Genetic Counseling Program Directors (AGCPD), member of the	2021-Present
Research Coordinator, MotherToBaby Florida	2018-2022
Texas Society of Genetic Counselors (TSGC), Member	2012-2017
Prenatal Special Interest Group, NSGC, Communications Committee Chair	2014-2016
Accreditation Council for Genetic Counselors (ACGC), Nominations Committee	2016

INSTITUTIONAL INVOLVEMENT

Committee Member, Tampa General Hospital Perinatal Palliative Care Committee	2019-Present
Advisory Board Member, MSPH Genetic Counseling Program, USF College of Public Health	2019-Present
Committee Member, Admissions Committee, USF MSPH Genetic Counseling Program	2019-Present
Committee Member, Curriculum Planning Committee, USF MSPH Genetic Counseling Program	2019-Present
Committee Coordinator, Fetal Ethics Board, The Fetal Center at Memorial Hermann Hospital	2015-2017
Executive Secretary, FETO DSMB Board, The Fetal Center at Memorial Hermann Hospital	2016-2017
Head of Committee, Curriculum and Rotation Planning Committee, UT MFM Fellowship	2016-2017
Member, Curriculum Planning Committee, UT Genetic Counseling Program	2014-2015

DIDACTIC TEACHING EXPERIENCE

Lecturer/Facilitator

University of Florida Genetic Counseling Program, Tampa, FL	Current
University of South Florida Maternal-Fetal Medicine Fellowship, Tampa, FL	Current
University of South Florida Reproductive Endocrinology Fellowship, Tampa, FL	Current
University of Texas Genetic Counseling Program (UTGCP), Houston, TX	2012-2017
LBJ General Hospital Obstetrics and Gynecology Residency Program, Houston, TX	2015, 2016
University of Texas Medical School Maternal-Fetal Medicine Fellowship, Houston, TX	2017

NON-DIDACTIC TEACHING EXPERIENCE

Head Prenatal Rotation Supervisor

- First Year Genetic Counseling Students, UTGCP, Houston, TX July 2014-July 2017
- Second Year Genetic Counseling Students, UTGCP, Houston, TX July 2014-May 2015

Clinical Supervisor

July 2012- Current

- Genetic Counseling Students on Prenatal Rotation, USF Genetic Counseling Program
- Maternal-Fetal Medicine Fellows, USF Department of Obstetrics & Gynecology
- Genetic Counseling students on Introductory, Advanced, and Fetal Center Rotations, UTGCP
- Maternal-Fetal Medicine Fellows, UT Department of Obstetrics, Gynecology & Reproductive Sciences
- LoneStar Leadership Education in Neurodevelopmental Disabilities (LEND) Fellows
- Obstetrics & Gynecology Residents, UT Department of Obstetrics, Gynecology & Reproductive Sciences
- Pediatric Genetics Residents, UT Department of Pediatrics
- Medical Students, McGovern Medical School at the University of Texas Health Science Center
- Neonatology Fellows, BCM Department of Obstetrics & Gynecology
- Reproductive Endocrinology and Infertility Fellows, BCM Department of Obstetrics and Gynecology
- Obstetrics & Gynecology Residents, BCM Department of Obstetrics & Gynecology
- Medical Students, BCM Medical School

ADVISING AND MENTORING EXPERIENCE

Thesis Committee Member, USFGCP Master's Degree in Genetic Counseling	2021-2022
Student: Nicole Wright	
Title: "Assessing Reported Use of Clinical Genetic Counseling Skills"	

Thesis Committee Member , USFGCP Master's Degree in Genetic Counseling Student: Madison Lake Title: <i>"Impact of Prenatal and Exposure Counseling on Patient Reported Outcomes"</i>	2021-2022
Thesis Committee Member , USFGCP Master's Degree in Genetic Counseling Student: Lindsay Victoria Title: <i>"A Feasibility Analysis of a Pilot Study Comparing Prenatal Genetic Service Delivery Outcomes Using the Self-Determination Theory"</i>	2018-2019
Thesis Chair , UTGCP Master's Degree in Genetic Counseling Student: Leslie Durham Title: <i>"The Integration of Prenatal Microarray: A Survey of Current Genetic Counseling Practices and Barriers"</i>	2016-2017
Thesis Committee Member , UTGCP Master's Degree in Genetic Counseling Student: Meagan Giles Title: <i>"Prenatal cfDNA screening results indicative of maternal neoplasm: survey of current practice and management needs"</i>	2015-2016

AWARDS AND GRANTS

2021 USF Conference Support Grant, \$5000, Organizer
Conference: 2021 Human Teratogens Course

2021 HRSA Pilot Project Grant, \$5800
Project Title: *"Exposure counseling for Florida's underserved patients"*

2018 USF Conference Support Grant, \$5000, Organizer
Conference: 2019 Human Teratogens Course

2016 NSGC Audrey Heimler Special Project Award, \$5000, Co-investigator
Project Title: *"Development of Spanish Genetic Counseling Lexicon"*

PUBLICATIONS AND ABSTRACTS

Original Articles

- **Cvjatkovic N**, Maili L, Weymouth KS, Hashmi SS, Mulliken JB, Topczewski J, Letra A, Yuan Q, Blanton SH, Swindell EC, Hecht JT: Regulatory variant in FZD6 gene contributes to nonsyndromic cleft lip and palate in an African-American family. *Molecular Genetics & Genomic Medicine*, May 2015.
- Giles M, Murphy L, **Krstic N**, Sullivan C, Hashmi SS, Stevens B: Prenatal cfDNA screening results indicative of maternal neoplasm: survey of current practice and management needs. *Prenatal Diagnosis*, December 2016.
- Stevens B, **Krstic N**, Jones M, Murphy L, Hoskovec J: Finding middle ground in constructing a clinically useful expanded carrier screening Panel. *Obstetrics & Gynecology*, August 2017.
- Singletary CN, **Krstic N**, Czerwinski J, Choates Giles M, Wagner C. Prenatal chromosome microarray uptake with invasive prenatal diagnosis. How many patients take the leap? *Prenatal Diagnosis*, July 2018.
- Durham L, Papanna R, Stevens B, Noblin SJ, Rodriguez-Buritca D, Hashmi SS, **Krstic N**: The utilization of prenatal microarray: A survey of current genetic counseling practices and barriers. *Prenatal Diagnosis*, February 2019.
- **Krstic N** & Obican SG: Current landscape of prenatal genetic screening and testing. *Birth defects research*, January 2020.
- Roeckner JT, **Krstić N**, Sipe BH, Običan SG. N95 Filtering Facepiece Respirator Use during Pregnancy: A Systematic Review. *American Journal of Perinatology*, May 2020.
- Müller R, Steffensen T, **Krstić N**, Cain MA. Report of a novel variant in the FAM111A gene in a fetus with

multiple anomalies including gracile bones, hypoplastic spleen, and hypomineralized skull. *Am J Med Genet A*. May 2021.

- Pressman K, Muller R, **Krstić N**, Običan S. A novel clinic structure for exposure counseling during pregnancy. *Birth defects research*, Accepted 7/5/22 (in press)

Posters at National Conferences

- **Cvjetkovic N**, Maili L, Letra AM, Raia M, Swindell EC, Teichgraeber JF, Weymouth K, Hecht JT: A regulatory variant in FZD6 gene contributes to Nonsyndromic Cleft Lip and Palate (NSCLP). Poster presented at the National Society of Genetic Counselors Annual Education Conference, Boston, MA. October 2012
- **Cvjetkovic N**, Maili L, Letra AM, Raia M, Swindell EC, Teichgraeber JF, Weymouth K, Hecht JT: A regulatory variant in FZD6 gene contributes to Nonsyndromic Cleft Lip and Palate (NSCLP) Poster presented at the American Society of Human Genetics Annual Meeting, San Francisco, CA. November 2012
- Coles K, **Cvjetkovic N**, Lemoine J, Peacock S, Breman A, Patel A, Smith J, Van den Veyver I: Not a simple false positive: genetic counseling challenges in cases of discrepant NIPT and invasive testing results. Poster presented at the American College of Medical Genetics Annual Meeting, Nashville, TN. March 2014
- Smith JL, **Cvjetkovic N**, Van den Veyver I, Peacock S, Breman A, Patel A: Positive NIPT resulting from structurally abnormal chromosomes highlights importance of invasive confirmatory testing. Poster presented at the American College of Medical Genetics Annual Meeting, Nashville, TN. March 2014
- **Krstić N**, Murphy L, Bebbington M: A Case of inherited copy number variant as explanation for multiple monosomies detected on NIPT. Poster presented at the American College of Medical Genetics Annual Meeting, Tampa, FL. March 2016
- Murphy L, Chauhan S, Dunnigton L, **Krstić N**, Lucci J, Nugent E: NIPT results concerning for maternal neoplasm: consideration of uterine fibroids. Poster presented at the American College of Medical Genetics Annual Meeting, Tampa, FL. March 2016
- Rodriguez D, **Krstić N**, Liu C, Northrup H, Stevens B, Davis J: A case of partial trisomy 18 with abnormal NIPT and normal postnatal aneuploidy FISH. Poster presented at the American College of Medical Genetics Annual Meeting, Tampa, FL. March 2016
- **Krstić N**, Murphy L, Bebbington M: A Case of inherited copy number variant as explanation for multiple monosomies detected on NIPT. Poster presented at the National Society of Genetic Counselors Annual Education Conference, Seattle, WA. September 2016
- Murphy L, Chauhan S, Dunnigton L, **Krstić N**, Lucci J, Nugent E: NIPT results concerning for maternal neoplasm: consideration of uterine fibroids. Poster presented at the National Society of Genetic Counselors Annual Education Conference, Seattle, WA. September 2016
- **Krstić N**, Murphy L: Two cases of complete hydatidiform mole with coexisting live fetus identified by SNP-based cfDNA screen. Poster presented at the National Society of Genetic Counselors Annual Education Conference, Seattle, WA. September 2016
- Giles M, Murphy L, **Krstić N**, Sullivan C, Hashmi SS, Stevens B: Prenatal cfDNA screening results indicative of maternal neoplasm: survey of current practice and management needs. Poster presented at the National Society of Genetic Counselors Annual Education Conference, Seattle, WA. September 2016
- Sillon G, Cloutier M, D. Hodges P, Hathaway J, **Krstić N**, Vanneste R. Lexigene®: An Online English-French-Spanish Lexicon of Terms Related to Genetic Counselling. Poster presented at the National Society of Genetic Counselors Annual Education Conference, Columbus, OH. September 2017
- Sillon G, Cloutier M, D. Hodges P, Hathaway J, **Krstić N**, Vanneste R. Lexigene®: An Online English-French-Spanish Lexicon of Terms Related to Genetic Counselling. Poster presented at the Human Genetics Society of Australasia Annual Scientific Meeting, Brisbane, Australia. August 2017
- Singletary CN, Czerwinski J, **Krstić N**, Wagner C. Invasive Diagnostic Testing Results in over 500 Cases with

Ultrasound Findings. Poster presented at the International Conference on Prenatal Diagnosis and Therapy, Antwerp, Belgium. July 2018.

- **Krstic N**, Leavitt K, Ranells J, Campbell S, Duncan J. Detection of X;18 Unbalanced Translocation after Multiple Aneuploidy on cfDNA Screen. Poster presented at the National Society of Genetic Counselors Annual Education Conference, Salt Lake City, UT. November 2019.
- Danek A, **Krstic N**, Hayes MT, Green RC, Westhoff C, Vege S, Walker RH. “Levine-Critchley syndrome”: obsolete. Poster Presented at the World Congress on Parkinson’s Disease and Related Disorders, Prague, Czech Republic. May 2022.
- Lake M, Cragun D, **Krstic N**, Obican S, Muller R. Impact of Perinatal Exposure Counseling on Patient Reported Emotional Outcomes and Decisional Empowerment. Poster Presented at University of South Florida Research Day, Tampa FL, February 2022.
- Lake M, Cragun D, **Krstic N**, Obican S, Muller R. Impact of Perinatal Exposure Counseling on Patient Reported Emotional Outcomes and Decisional Empowerment. Poster presented at Organization of Teratology Information Specialists Annual Conference. Online. June 2022.

Professional Publications

- *Hemoglobinopathies*, Prenatal Fact Sheets for Professionals, NSGC Prenatal SIG, Author, 2014
- *Updated Common Ultrasound Findings, Professional Fact Sheets*, NSGC Prenatal SIG, Author, 2014
- *Updated Common Ultrasound Findings, Patient Fact Sheets*, NSGC Prenatal SIG, Author/Editor, 2014
- *Carrier Screening*, Morning Report OBGYN, Co-Author, 2016
- *Dandy Walker Malformation, Professional and Patient Fact Sheet*, NSGC Prenatal SIG, Author, 2017

Other:

- MotherToBaby Blog: Window into the Womb: What I Learned through Ultrasound after a Car Accident during My Pregnancy. August 2019.
- MotherToBaby Blog: When Yeast Overgrows: What You Should Know About Vaginal Yeast Infections During Pregnancy. June 2022.
- MotherToBaby Podcast: Ep. 44: Yeast Infection Treatments during Pregnancy. July 2022.

PUBLIC PRESENTATIONS

- *Whole Exome Sequencing in Prenatal Setting*. BCM Noon Conference, Houston, TX 2013
- *Update in Prenatal Screening and Testing*. The Woodlands OB Group, Woodlands, TX 2014
- *NIPT Results Concerning for Maternal Malignancy*. TSGC Annual Meeting, Houston, TX 2015
- *Whole Exome Sequencing, Our Clinical Experience*. UT MFM Division Meeting, Houston, TX 2016
- *Diagnostic Testing: Beyond Aneuploidies*. Genetics in Women’s Care Conference, Houston, TX 2016
- *Discrepant Karyotype in MCDA Twins*. UT MFM Division Meeting, Houston, TX 2016
- *CMA Guidelines and Updates*. UT MFM Division Meeting, Houston, TX 2017
- *Diagnostic Testing: Beyond Aneuploidies*. USF OBGYN Grand Rounds, Tampa, FL 2018
- *Prenatal Genetics: A Primer for Practice*. Generalists, Tampa, FL 2018
- *Teratogen Counseling: Risk Communication*. Human Teratogens Course, Tampa, FL 2019
- *Bad Words and What Do They Mean? What is a Teratogen?* USF Ped Grand Rounds, Tampa, FL 2019
- *23 and You and Me: Direct to Consumer Testing*. TGH Wellness Presentation 2019

RELEVANT EXPERIENCE/SKILLS

- Trained for a week with Texas Teratogen Information on Pregnancy Services (TIPS)
- Trained for a week with Pregnancy Risk Line/MotherToBaby, Utah
- Trained in cancer and pediatric genetics in addition to prenatal genetics
- Experience in eliciting, assessing, and conveying information from patients (genetic and teratogen)
- Proficient in obtaining and assessing detail pregnancy and family histories and constructing pedigrees
- Experience in developing and implementing clinic protocols

- Experience with insurance preauthorization, appeals, and peer-to-peer for genetic testing services
- Knowledge of different patient and family resources for various genetic diagnoses
- Current on ACOG, SMFM, NSGC, and ACMG guidelines regarding prenatal and genetic testing and indications
- Proficient in applications such as Microsoft Word, Excel, Access, and PowerPoint
- Knowledgeable in EMR systems, including Viewpoint, Allscripts, Epic, Logician, Care4
- Adept with the use of REPROTOX, London Dysmorphology, POSSUM, PubMed, OMIM, DECIPHER, etc.
- Fluent in written and conversational Serbian/Croatian/Bosnian
- Working knowledge of Spanish
- Worked closely with in-person and phone interpreters
- Participated in advocacy/fundraising activities

