

## 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 Counsel 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**, OTIS/MotherToBaby

2018-Present

**Abstracts Committee**, OTIS/MotherToBaby

2018-Present

**Marketing and Website Committee**, OTIS/MotherToBaby

2018-Present

**Board of Directors**, Quality Control (OTIS)/MotherToBaby

2021-Present

**Association of Genetic Counseling Program Directors (AGCPD)**, Full Member

2021-Present

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| <b>American College of Medical Genetics</b> , Associate Member                     | 2012-2014, 2024 |
| <b>Research Coordinator</b> , MotherToBaby Florida                                 | 2018-2022       |
| <b>Texas Society of Genetic Counselors (TSGC)</b> , Member                         | 2012-2017       |
| <b>Prenatal Special Interest Group, NSGC</b> , Communications Committee Chair      | 2014-2016       |
| <b>Accreditation Council for Genetic Counselors (ACGC)</b> , Nominations Committee | 2016            |

## INSTITUTIONAL INVOLVEMENT

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| <b>Committee Member</b> , USF Scientific Review Committee  | 2023-Present |
| <b>Committee Member</b> , Tampa General Hospital Perinatal Palliative Care Committee             | 2019-Present |
| <b>Advisory Board Member</b> , MSPH Genetic Counseling Program, USF College of Public Health     | 2019-Present |
| <b>Committee Member</b> , Admissions Committee, USF MSPH Genetic Counseling Program              | 2019-Present |
| <b>Committee Member</b> , Curriculum Planning Committee, USF MSPH Genetic Counseling Program     | 2019-Present |
| <b>Committee Coordinator</b> , Fetal Ethics Board, The Fetal Center at Memorial Hermann Hospital | 2015-2017    |
| <b>Executive Secretary</b> , FETO DSMB Board, The Fetal Center at Memorial Hermann Hospital      | 2016-2017    |
| <b>Head of Committee</b> , Curriculum and Rotation Planning Committee, UT MFM Fellowship         | 2016-2017    |
| <b>Committee Member</b> , Curriculum Planning Committee, UT Genetic Counseling Program           | 2014-2015    |

## DIDACTIC TEACHING EXPERIENCE

### Lecturer/Facilitator

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| 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

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

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

## AWARDS AND GRANTS

**2023 R13 Small Conference Grant**, \$20,000, Organizer  
 Conference: 2023/2025 Human Teratogens Course

**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

- **Cvijetkovic 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, **Krstic 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, **Krstic 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

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

