

Curriculum Vitae

Notarization. I have read the following and certify that this *curriculum vitae* is a current and accurate statement of my professional record.

Signature

February 22, 2024

In general, do not list a work or activity more than once.

I. Personal Information

I.A. UID, Last Name, First Name, Middle Name, Contact Information

Yakubova, Gulnoza
Counseling, Higher Education, and Special Education
3942 Campus Drive
University of Maryland, College Park, MD 20742-1125
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<https://education.umd.edu/directory/gulnoza-yakubova>

I.B. Academic Appointments at UMD

<i>2023–present</i>	<i>Associate Professor (tenured)</i> <i>Counseling, Higher Education, and Special Education</i> <i>University of Maryland, College Park, MD</i>
<i>2017–2023</i>	<i>Assistant Professor (tenure-track)</i> <i>Counseling, Higher Education, and Special Education</i> <i>University of Maryland, College Park, MD</i>
<i>2016–2017</i>	<i>Assistant Research Professor</i> <i>Counseling, Higher Education, and Special Education</i> <i>University of Maryland, College Park, MD</i>

I.C. Administrative Appointment at UMD

<i>2023, May – 2025, May</i>	<i>Associate Director of K–12 education, Maryland Initiative for Digital Accessibility</i>
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I.D. Other Employment

<i>2013–2016</i>	<i>Assistant Professor (tenure-track)</i> <i>Counseling, Psychology, and Special Education</i> <i>Duquesne University, Pittsburgh, PA</i>
<i>2006–2007</i>	<i>Instructor</i> <i>Kazakh Ablai Khan University of International Relations and World Languages</i> <i>Almaty, Kazakhstan</i>

I.E. Educational Background

- 2013 Ph.D. *Special Education
Cognate: Career and Technical Education
Purdue University*
- 2010 M.S. *Special Education
Purdue University*
- 2006 Honor's B.A. *Teaching English as a Foreign Language
The Uzbek State World Languages University*

I.F. Continuing Education

- 2020 *TLTC Design Sprint, Teaching and Learning Transformation Center,
University of Maryland*
- 2018– *TLTC Launch Program, Teaching and Learning Transformation Center,
University of Maryland*
- 2017–2018 *Advancing Faculty Diversity, University of Maryland*

I.G. Professional Certifications, Licenses, and Memberships

- 2022 Autism Diagnostic Observation Schedule – 2 (ADOS–2) clinical training
2017 Program for the Education and Enrichment of Relational Skills (PEERS®) for Young Adults
- 2021 – Partnership for Extraordinary Minds, Montgomery County, Maryland
Professional member
- 2020 – 2023 Trace Center Affiliate Faculty
University of Maryland
- 2009 – Council for Exceptional Children
 - ▲ Division on Autism and Developmental Disabilities
 - ▲ Division on Career Development and Transition
 - ▲ Division of International Special Education and Services
 - ▲ Division for Research
 - ▲ Innovations in Special Education Technology
- 2013 – International Society for Autism Research
- 2014 – 2023 International Association of Special Education
- 2021, 2022 National Council of Teachers of Mathematics
- 2012 – 2014 Association for Career and Technical Education
 - ▲ Special Populations Division
 - ▲ Indiana/Pennsylvania State Association for Career and Technical Education

II. Research, Scholarly, Creative and/or Professional Activities (* indicates publication with individuals who were students at the time of study completion)

II.A. Chapters

II.A.1. Books

Kellems, R. O., Yakubova, G., Morris, J. R., Wheatley, A*, & Chen, B. B*. (2022). Using augmented and virtual reality to improve social, vocational, and academic outcomes of students with autism and other developmental disabilities. In *Research Anthology on Inclusive Practices for Educators and Administrators in Special Education* (pp. 737-756). IGI Global.

II.B. Refereed Journals

II.B.1. Refereed Journal Articles

Lee, Y., Davis, M., Lopez, E., Yakubova, G., & Cumming, I. (accepted, 2024). Preparing students with intellectual disability for science, technology, engineering, and math careers. *Including Disability*.

Yakubova, G., Chen, B. B., Gupta, S. *, & Al-Dubayan, M. N., * (accepted, 2023). Using an online multi-component intervention to teach mathematics to autistic secondary school students. *Education and Training in Autism and Developmental Disabilities*.

Yakubova, G., Chen, B. B.*, Al-Dubayan, M. N.*, & Gupta, S. * (2024). Virtual instruction in teaching mathematics to autistic students: Effects of video modeling, virtual manipulatives, and mathematical games. *Journal of Special Education Technology*, 39 (1), 51-66.
<https://doi.org/10.1177/01626434231177875>

Chen, B. B.*, Yakubova, G., O'Connor, J. T., Herman, S., & Myers, L. (2023). Assessing the effects of practitioner-created and implemented video-based intervention to teach vocational skills to autistic young adults. *Journal of Special Education Technology*. Advance online publication. <https://doi.org/10.1177/01626434231187061>

Chen, B. B. *, & Yakubova, G. (2023). Evaluating the effects of video-based intervention to teach vocational skills to transition-age youth with autism spectrum disorder: An evidence-based systematic review. *Review Journal of Autism and Developmental Disorders*, 10 (1), 22–37.
<https://doi.org/10.1007/s40489-021-00282-7>

Yakubova, G., Defayette, M. *, & Chen, B. B. * (2023). Mathematics learning through online video-based instruction for an autistic child. *Journal of Autism and Developmental Disorders*, 53, 2349–2361. <https://doi.org/10.1007/s10803-022-05525-y>

Yakubova, G., & Chen, B. B. * (2023). Parent-implemented video-based intervention to teach autistic children: an Evidence-based systematic review. *Review Journal of Autism and Developmental Disorders*, 10 (4), 660–683. <https://doi.org/10.1007/s40489-022-00316-8>

Yakubova, G., Defayette, M. *, Chen, B. B. *, & Proulx, A. L. * (2023). The use of augmented reality interventions to provide academic instruction for children with autism, intellectual, and developmental disabilities: An evidence-based systematic review. *Review Journal of Autism and Developmental Disorders*, 10 (1), 113–129.

<https://doi.org/10.1007/s40489-021-00287-2>

Zakirova Engstrand, R., & Yakubova, G. (2023). A scoping review of autism research conducted in Central Asia: Knowledge gaps and research priorities. *Autism: The International Journal of Research and Practice*. Advance online publication.

<https://doi.org/10.1177/13623613231170553>

Chen, B. B. *, Yakubova, G., & Hughes, E. M. (2022). Mathematics support strategies for teaching students with ASD to solve fraction computation problems: An exploratory A-B design study. *Preventing School Failure: Alternative Education for Children and Youth*, 66 (2), 99–108. <https://doi.org/10.1080/1045988X.2022.2037493>

Yakubova, G., Chen, B. B. *, & Defayette, M. A. * (2022). The use of technology-based interventions in teaching STEM skills to autistic students in K-12 settings: An evidence-based systematic review. *Review Journal of Autism and Developmental Disorders*. Advance online publication. <https://doi.org/10.1007/s40489-022-00351-5>

Yakubova, G., Kellems, R., Chen, B. B. *, & Cusworth, Z. * (2022). Practitioners' attitudes and perceptions toward the use of augmented and virtual reality technologies in the education of students with disabilities. *Journal of Special Education Technology*, 37(2), 286–296. <https://doi.org/10.1177/01626434211004445>

Yakubova, G. & Chen, B. B. * (2021). Examining the effects of parent-created and parent-implemented video prompting to teach daily living skills to an adolescent with autism. *Journal of Autism and Developmental Disorders*, 51(12), 4679–4691. <https://doi.org/10.1007/s10803-021-04913-0>

Yakubova, G., Hughes, E. M., & Chen, B. B. * (2020). Teaching students with ASD to solve fraction computations using a video modeling instructional package. *Research in Developmental Disabilities*, 101, 103637. <https://doi.org/10.1016/j.ridd.2020.103637>

Yakubova, G., Hughes, E. M., & Baer, B. L. * (2020). Supporting students with ASD in mathematics learning using video-based concrete-representational-abstract sequencing instruction. *Preventing School Failure: Alternative Education for Children and Youth*, 64(1), 12–18. <https://doi.org/10.1080/1045988X.2019.1627999>

Chen, B. B. *, & Yakubova, G. (2019). Promoting independence with vocational audio and video prompting for students with ASD. *Teaching Exceptional Children*, 52(2), 98–106. <https://doi.org/10.1177/0040059919874308>

Hughes, E. M., & Yakubova, G. (2019). Addressing the mathematics gap for students with ASD: An evidence-based systematic review of video-based mathematics interventions. *Review Journal of Autism and Developmental Disorders*, 6(2), 147–158. <https://doi.org/10.1007/s40489-019-00160-3>

Yakubova, G., Leibowitz, L., Baer, B. L. *, Halawani, N. *, & Lestremau, L. (2019). Self-directed video prompting and least-to-most prompting: Examining ways of increasing vocational skill acquisition among students with autism spectrum disorder and intellectual disability. *Advances in Neurodevelopmental Disorders*, 3, 246–258. <https://doi.org/10.1007/s41252-019-0097-5>

- Bassette, L., Doughty, T. A., Gama, R., Alberto, P. A., Yakubova, G., & Cihak, D. F. (2018). The use of cell phones to address safety skills for students with a moderate intellectual disability in community-based settings. *Focus on Autism and Other Developmental Disabilities, 33*, 100–110. <https://doi.org/10.1177/1088357616667590>
- Yakubova, G., Zehner, A. *, & Aladsani, M. * (2017). The effects of a self-determined career development model with an iPad-based instruction on progress towards job-related goals of a young adult with autism spectrum disorder. *Journal of the International Association of Special Education, 17* (1), 27–39.
- Yakubova, G., & Taber-Doughty, T. (2017). Improving problem-solving performance of students with autism spectrum disorders. *Focus on Autism and Other Developmental Disabilities, 32*, 3–17. <https://doi.org/10.1177/1088357615587506>
- Hughes, E. M., & Yakubova, G. (2016). Developing hand-held video intervention for students with autism spectrum disorder. *Intervention in School and Clinic, 52*, 115–121. <https://doi.org/10.1177/1053451216636059>
- Yakubova, G., Hughes, E. M., & Shinaberry, M. * (2016). Learning with technology: Video modeling with concrete-representational-abstract sequencing for students with autism spectrum disorder. *Journal of Autism and Developmental Disorders, 46*, 2349–2362. <https://doi.org/10.1007/s10803-016-2768-7>
- Yakubova, G., & Zeleke, W. A. (2016). A problem-solving intervention using iPads to improve transition-related task performance of students with autism spectrum disorder. *Journal of Special Education Technology, 31* (2), 77–86. <https://doi.org/10.1177/0162643416650023>
- Yakubova, G., Hughes, E. M., & Hornberger, E. (2015). Video-based intervention in teaching fraction problem-solving to students with autism spectrum disorder. *Journal of Autism and Developmental Disorders, 45*, 2865–2875. <https://doi.org/10.1007/s10803-015-2449-y>
- Yakubova, G., & Bouck, E. C. (2014). Not all created equally: Exploring calculator use by students with mild intellectual disability. *Education and Training in Autism and Developmental Disabilities, 49*, 111–126.
- Yakubova, G., & Taber-Doughty, T. (2013). Brief report: Learning via the electronic interactive whiteboard for two students with autism and a student with moderate intellectual disability. *Journal of Autism and Developmental Disorders, 43*, 1465–1472. <https://doi.org/10.1007/s10803-012-1682-x>
- Yakubova, G., & Taber-Doughty, T. (2013). Effects of video modeling and verbal prompting on social skills embedded within a purchasing activity for students with autism. *Journal of Special Education Technology, 28* (1), 35–47. <https://doi.org/10.1177/016264341302800104>
- II.B.2. Invited Conference Presentations
- Yakubova, G. (2023, November). Presentation at the 29th International Seminar, National Institute of Special Education, South Korea.

Yakubova, G. (2022, October). *Training families to support daily living skills of their autistic children*. Peking University Autism Forum 2022. Virtual.

Yakubova, G. (2014, June). *Problem-solving intervention and autism: Improving vocational task performance*. Invited oral presentation at the 2014 ICare4Autism International Autism Conference – Autism: A Global Perspective, New York, NY.

II.B.3. Refereed Presentations

Chen, B., & Yakubova, G. (2023, January). *Supporting a neurodiverse workforce: Examining transition-age autistic individuals' views of critical workplace supports*. Paper presented at the 24th International Conference on Autism, Intellectual Disability & Developmental Disabilities, Division on Autism and Developmental Disabilities, Council for Exceptional Children, Clearwater Beach, Florida.

Yakubova, G., Chen, B., Al-Dubayan, M.*, & Gupta, S.* (2023, January). *Virtual instruction in teaching mathematics to autistic students: How to use video modeling, mathematical games, and virtual manipulatives*. Paper presented at the 24th International Conference on Autism, Intellectual Disability & Developmental Disabilities, Division on Autism and Developmental Disabilities, Council for Exceptional Children, Clearwater Beach, Florida.

Yakubova, G., Defayette, M.*, Gupta, S.*, & Proulx, A.* (2023, January). *Supporting autistic high school students in mathematics learning: Online instruction*. Paper presented at the 24th International Conference on Autism, Intellectual Disability & Developmental Disabilities, Division on Autism and Developmental Disabilities, Council for Exceptional Children, Clearwater Beach, Florida.

Yakubova, G., Chen, B. *, & Defayette, M. * (2022, January). *Using online tools to teach students with autism to solve word problems*. Paper presented at the 23rd International Conference on Autism, Intellectual Disability & Developmental Disabilities, Division on Autism and Developmental Disabilities, Council for Exceptional Children, Clearwater Beach, Florida.

Yakubova, G., Defayette, M. *, Chen, B. *, Proulx, A. * (2022, January). *Integrating augmented reality into the instruction of students with autism and developmental disabilities with diverse cultures*. Paper presented at the 23rd International Conference on Autism, Intellectual Disability & Developmental Disabilities, Division on Autism and Developmental Disabilities, Council for Exceptional Children, Clearwater Beach, Florida.

Yakubova, G., Chen, B. B. *, & Kellems, R. (2021, March). *Bringing special Education into a new reality with AR and VR technology*. Paper presented as part of a multi-presentation session at the Annual Conference for Council for Exceptional Children, Baltimore, Maryland.

Yakubova, G., & Chen, B. B. * (2021, January). *Training parents to create and implement life skills video prompting for their transition-age children with IDD*. Paper presented at the 22nd International Conference on Autism, Intellectual Disability & Developmental Disabilities, Division on Autism and Developmental Disabilities, Council for Exceptional Children, Clearwater Beach, Florida.

Yakubova, G., & Chen, B. B. * (2021, January). *DIY video prompting: How to create and*

implement your own video prompting intervention. Paper presented at the 22nd International Conference on Autism, Intellectual Disability & Developmental Disabilities, Division on Autism and Developmental Disabilities, Council for Exceptional Children, Clearwater Beach, Florida.

Agrawal, J. S., & Yakubova, G. (2020, February). *Using technology and evidence-based strategies for literacy instruction of diverse students with autism and developmental disabilities.* Paper presented as part of a multi-presentation session at the Annual Conference for Council for Exceptional Children, Portland, Oregon.

Yakubova, G., & Agrawal, J. S. (2019, June). *Making mathematics accessible and functional for all students.* Paper presented at the 2019 Division of International Special Education and Services International Conference of Council for Exceptional Children, Montego Bay, Jamaica.

Hughes, E. M., Yakubova, G., Raulston, T., Lee, J. *, Deshpande, D. *, Taylor, J., & Riccomini, P. J. (2019, April). *Painting a narrative: Analysis of published systematic reviews on STEM interventions for students with ASD.* Paper presented as part of a multiple session presentation at the Annual Meeting of American Educational Research Association, Toronto, Canada.

Hughes, E. M., & Yakubova, G. (2018, April). *Meta-analysis of video-based instruction to teach mathematics to students with ASD.* Paper presented at the Annual Meeting of American Educational Research Association, New York, NY.

Hughes, E. M., Wright, K., & Yakubova, G. (2017, April). *Effects of video-based instruction and interleaved worked solution strategy on mathematics performance.* Paper presented at the Annual Conference of Council for Exceptional Children, Boston, Massachusetts.

Yakubova, G., Zehner, A. *, & Aladsani, M. * (2016, October). *The effects of self-determined career development model on job-related goals of a young adult with autism.* Paper presented at the Annual Conference of Division on Career Development and Transition of Council for Exceptional Children, Myrtle Beach, South Carolina.

Yakubova, G., Hughes, E. M., & Shinaberry, M. * (2016, May). *Technology-based intervention to teach mathematics skills to students with autism.* Paper presented at the International Meeting for Autism Research, Baltimore, Maryland.

Yakubova, G., & Zehner, A. * (2015, November). *Improving transition preparedness of diverse and urban youth with Autism Spectrum Disorder: Self-Regulated Problem-Solving Instruction and Technology.* Paper presented at the Annual Conference of Division on Career Development and Transition of Council for Exceptional Children, Portland, Oregon.

II.B.4. Refereed Posters

Gupta, S.*, & Yakubova, G. (2024, May). *Use of video-based technology to teach employment-related soft skills to autistic youth and young adults.* Poster presentation at the Annual Meeting of the International Society for Autism Research, Melbourne, Australia.

Vanegas, S. B., Yeargin-Allsopp, M., Yakubova, G., Meera, S. S., Joseph, L., Esler, A., & Zheng, S. (2024, May). *Expanding the global autism research pipeline: Outcomes from the cultural*

diversity committee research internship program. Poster presentation at the Annual Meeting of the International Society for Autism Research, Melbourne, Australia.

Yakubova, G., Vyas, T.*, Al-Dubayan, M. N.*, Gupta, S.*, Lee, Y., & Duranti, M.* (2024, May). *Mathematics learning in an online instructional setting: Effective practices in supporting autistic students*. Poster presentation at the Annual Meeting of the International Society for Autism Research, Melbourne, Australia.

Yakubova, G., Gupta, S.*, Intepe-Tingir, S., Kang, V. Y., Vyas, T.*, & Shashikiran, S.* (2024, May). *A systematic review of family-mediated interventions when teaching autistic children*. Poster presentation at the Annual Meeting of the International Society for Autism Research, Melbourne, Australia.

Al-Dubayan, M. N.* & Yakubova, G. (2024, May). Parent-Implemented Functional Communication Training (FCT) to Reduce Challenging Behavior in Nonvocal Culturally and Linguistically Diverse (CLD) Children with ASD and IDD: A Systematic Review. Poster presentation at the 50th Annual Convention of Association Behavior Analysis International, Philadelphia, Pennsylvania.

Al-Dubayan, M. N.* & Yakubova, G. (2024, January). *Parent-implemented FCT by families from CLD backgrounds with non-vocal children with ASD/ID/DD engaging in challenging behaviors*. Poster presentation at the 25th International Conference on Autism, Intellectual Disability & Developmental Disabilities, Division on Autism and Developmental Disabilities, Council for Exceptional Children, Honolulu, Hawaii.

Chen, B. B., & Yakubova, G. (2024, January). *Partnering with vocational support professionals to evaluate the authentic implementation of video-based intervention to support autistic young adults at work*. Poster presentation at the 25th International Conference on Autism, Intellectual Disability & Developmental Disabilities, Division on Autism and Developmental Disabilities, Council for Exceptional Children, Honolulu, Hawaii.

Joseph, L., Esler, A., Thurm, A., Vanegas, S., Meera, S., Yakubova, G., Giserman-Kiss, I., Habayeb, S., Zheng, S., Mundy, P., & Yeargin-Allsopp, M. (2023, May). *Cultural Diversity Career Advancement Program (C-CAP): Increasing Research from Low/Middle Income Countries*. Poster presentation at the Annual Meeting of the International Society for Autism Research, Stockholm, Sweden.

Kang, V., Yakubova, G., & Kim, S. (2023, May). *Virtual implementation of pre-K early literacy intervention for Korean American and autistic dual language learners*. Poster presentation at the Annual Meeting of the International Society for Autism Research, Stockholm, Sweden.

Yakubova, G., Al-Dubayan*, M. Gupta*, S., Kang, V. Y., Chen, B. B., Defeyette, M.*, & Proulx, A.* (2023, May). *A systematic review of interventions to teach functional skills to autistic children in LMIC contexts*. Poster presentation at the Annual Meeting of the International Society for Autism Research, Stockholm, Sweden.

Yakubova, G., Chen, B. B., Gupta, S.*, & Al-Dubayan, M.* (2023, May). *Examining the effects of online mathematics instruction using video modeling and other supports in teaching autistic secondary school students*. Poster presentation at the Annual Meeting of the International Society for Autism Research, Stockholm, Sweden.

Zakirova Engstrand, R., & Yakubova, G. (2023, May). *Autism research conducted in Central Asia: Knowledge gaps and research priorities*. Poster presentation at the Annual Meeting of the International Society for Autism Research, Stockholm, Sweden.

Yakubova, G., & Chen, B. B. *, & Defayette, M. * (2022, May). *Technology-based interventions to teach STEM skills to autistic students*. Poster presented at the Annual Meeting of the International Society for Autism Research, Austin, Texas.

Chen, B. B. *, Yakubova, G., & Defayette, M. * (2022, May). *Exploring the effects of virtual mathematics instructional tools on the word problem solving performance of autistic elementary school students*. Poster presented at the Annual Meeting of the International Society for Autism Research, Austin, Texas.

Yakubova, G., & Chen, B. B. * (2022, May). *Evidence-based review of the parent-implemented video-based intervention to teach life skills to autistic children*. Poster presented at the Annual Meeting of the International Society for Autism Research, Austin, Texas.

Yakubova, G., & Chen, B. B. * (2022, February). *Parent-implemented video-based interventions to teach children with autism*. Poster presented at the Pacific Coast Research Conference, Coronado, California.

Yakubova, G., Defayette, M. *, & Chen, B. * (2022, January). *Teaching arithmetic skills to children with autism: Online video-based instruction*. Poster presented at the 23rd International Conference on Autism, Intellectual Disability & Developmental Disabilities, Division on Autism and Developmental Disabilities, Council for Exceptional Children, Clearwater Beach, Florida.

Yakubova, G., Defayette, M. *, & Chen, B. B. * (2022, January). *Strategies and tips to provide online direct instruction for children with autism*. Poster presented at the Annual Conference for Council for Exceptional Children, Orlando, Florida.

Yakubova, G. & Defayette, M. * (2021). *Academic skill acquisition through augmented reality technology*. Poster presented at the 2021TASH Virtual Conference.

Yakubova, G. & Defayette, M. * (2021). *Continuity of learning for children with autism: Online direct instruction*. Poster presented at the 2021TASH Virtual Conference.

Chen, B. B. *, & Yakubova, G. (2021). *Reviewing the evidence for using video-based intervention to teach employable skills to transition-age students with ASD*. Poster presented at the Annual Meeting of the International Society for Autism Research, Virtual Conference

Yakubova, G., & Chen, B. B. * (2021). *Using parent-created and parent-implemented video prompting to promote the acquisition of daily living skills for an adolescent with ASD*. Poster presented at the Annual Meeting of the International Society for Autism Research, Virtual Conference

Yakubova, G., Chen, B.B. *, & Kellems, R. (2021, January). *Practitioners' perceptions and use of innovative technology in special education settings*. Poster presented at the 22nd International Conference on Autism, Intellectual Disability & Developmental Disabilities, Division on Autism and Developmental Disabilities, Council for Exceptional Children,

Clearwater Beach, Florida.

Yakubova, G., Hughes, E. M., & Chen, B. B. * (2020, May). *Individualized learning with video-based instruction when teaching how to solve fractions to middle school students on the autism spectrum*. Poster presented at the Virtual Conference for the Annual Meeting of the International Society for Autism Research.

Baer, B. L. *, & Yakubova, G. (2020, February). *Promoting independence with vocational audio and video prompting for students with ASD*. Poster presented at the Annual Conference for Council for Exceptional Children, Portland, Oregon.

Baer, B. L. *, Yakubova, G., & Hughes, E. M. (2020, January). *Strategies to support students with ASD and diverse learning needs in learning mathematics content*. Poster presented at the 21st International Conference on Autism, Intellectual Disability & Developmental Disabilities, Division on Autism and Developmental Disabilities, Council for Exceptional Children, Sarasota, Florida.

Yakubova, G., Leibowitz, L., Baer, B. L. *, Halawani, N. *, & Lestremau, L. (2019, May). *Self-directed video prompting: Promoting rapidity of skill acquisition and independence across settings*. Poster presented at the Annual Meeting of the International Society for Autism Research, Montreal, Canada.

Leibowitz, L., Yakubova, G., Baer, B. L. *, Halawani, N. *, & Lestremau, L. (2019, May). *Use of a self directed video prompting intervention package for rapid acquisition of vocational tasks for high school students with ASD and ID*. Poster presented at the 45th Annual Convention of Applied Behavior Analysis International, Chicago, Illinois.

Weng, P., & Yakubova, G. (2019, January). *Effectiveness of mathematics instruction for students with moderate to severe intellectual disability*. Poster presented at the Annual Conference for Council for Exceptional Children, Indianapolis, Indiana.

Yakubova, G., Leibowitz, L., Lestremau, L., & Halawani, N. * (2018, February). *Comparing the effectiveness of self-operated audio and video prompting strategies in teaching students with Autism spectrum disorders and developmental disabilities*. Poster presented at the Annual Conference of Council for Exceptional Children, Tampa, Florida.

Yakubova, G., Zehner, A. *, & Aladsani, M. * (2017, May) *Teaching goal attainment to young adults with autism using self-regulated problem-solving strategy*. Poster presented at the Annual Meeting of International Meeting for Autism Research, San Francisco, California.

Yakubova, G., Hughes, E. M., & Shinaberry, M. * (2017, April). *How do I solve the problem? Unique combination of two evidence-based practices in teaching mathematics*. Poster presented at the Annual Conference of Council for Exceptional Children, Boston, Massachusetts.

Yakubova, G., Zehner, A. *, & Aladsani, M. * (2016, April). *Transition preparedness of diverse and urban youth with Autism Spectrum Disorder*. Poster presented at the Annual Conference of Council for Exceptional Children, St. Louis, Missouri.

Yakubova, G., & Zeleke, W. A. (2015, November). *Maximizing skill acquisition through technology for students with autism spectrum disorder*. Poster presented at the Annual Conference of Division on Career Development and Transition of Council for Exceptional Children, Portland, Oregon.

Bassette, L., Doughty, T. A., Gama, R., Alberto, P. A., Yakubova, G., & Cihak, D. F. (2015, May). *Safety skills instruction with cell phones for students with an intellectual disability in community-based settings*. Poster presented at the 41st Annual Convention of Applied Behavior Analysis International, San Antonio, Texas.

Yakubova, G., & Zeleke, W. (2015, April). *Teaching pre-vocational skills to students with autism with nonverbal speech*. Poster presented at the Annual Conference of the Council for Exceptional Children, San Diego, California.

Yakubova, G., & Taber-Doughty, T. (2014, May). *Video-based instruction to improve job-related problem-solving skills of students with autism*. Poster presented at the International Meeting for Autism Research, Atlanta, Georgia.

Yakubova, G. (2013, April). *Career education and students with developmental disabilities*. Poster presented at the Annual Conference of the Council for Exceptional Children, San Antonio, Texas.

Yakubova, G., & Bouck, E. C. (2013, April). *Exploring calculator use by students with mild intellectual disability*. Poster presented at the Annual Conference of the Council for Exceptional Children, San Antonio, Texas.

Yakubova, G., & Taber-Doughty, T. (2012, April). *The effects of SMART Board technology on students' learning, engagement and behavior*. Poster presented at the Annual Conference of the Council for Exceptional Children, Denver, Colorado.

II.B.5. Refereed Panels

Root, J., Kellems, R., & Yakubova, G. (2021, January). *Let's see that again: Video-based supports to increase independence during math instruction*. Panel presented at the 22nd International Conference on Autism, Intellectual Disability & Developmental Disabilities, Division on Autism and Developmental Disabilities, Council for Exceptional Children, Clearwater Beach, Florida.

II.C. Sponsored Research and Programs – Administered by the Office of Research Administration (ORA)

II.C.1. Grants

YEAR	PIs/PROJECT TITLE/FUNDING SOURCE	ROLE
2023 – 2025	Lazar, J. K., Jaeger, P., Yakubova, G., Kacorri, H., Lazar, A., Palla, A., Jordan, J. B., & Zogby, E. <i>Grand Challenges: Maryland Initiative for Digital Accessibility</i> University of Maryland, Grand Challenges Grants	Co-PI \$500,000
2019 – 2020	Yakubova, G. <i>Supporting Students with ASD in Learning Mathematics with</i>	PI

	<i>Video-based Instruction and Augmented Reality</i> College of Education, University of Maryland, Support Program for Advancing Research and Collaboration (SPARC)	\$15,000
2020	Yakubova, G. <i>Supporting Students with ASD in Mathematics: Bridging the Achievement Gap with Technology</i> University of Maryland, The Graduate School Research and Scholarship Awards (RASA)	PI \$10,000
2017– 2018	Yakubova, G., & Deschamps, A. <i>Using SDLMI/SDCDM to Improve Students’ Transition Outcomes</i> Maryland State Department of Education	PI \$60,447
2016 – 2017	Bhave, S.*, Martin, K.*, Schuler, G.*, You, W.*, & Yakubova, G. <i>Social Training for Autism Using Augmented Reality (STAAR)</i> University of Maryland, The Future of Information Alliance, Innovation Spark Grant	Faculty Advisor \$10,000
2014 – 2015	Yakubova, G. <i>Improving Post-Secondary Experience of Urban Youth with Autism Spectrum Disorders (ASD) Using Video-based Problem-Solving Intervention</i> Duquesne University, Sizemore Scholars' Urban Initiatives	PI \$2,000
2014 – 2016	Yakubova, G., & Hughes, E. M. <i>Video Modeling Research on Mathematics Mastery for Students with Autism Spectrum Disorders</i> Duquesne University, Faculty Development Fund	PI \$10,000
Total Grant Dollars		\$617,447

II.C.2. Submitted

Year	PIs/PROJECT TITLE/FUNDING SOURCE	Role
2023	Lazar, J. K.,Yakubova, G. <i>HCC: Medium: Moving from remediation to a born-accessible model for digital documents.</i> National Science Foundation.	Senior Personnel \$1,200,000

II.C.3. Not Funded (recent)

Year	PIs/PROJECT TITLE/FUNDING SOURCE	Role
2023	Cummings, K., Yakubova, G., & Lee, Y. <i>Project ETLAS: Educating Teachers in Literacy for Autistic Students.</i> US Department of Education, Office of Special Education and Rehabilitative Services, Office of Special Education Programs: Personnel Development to Improve Services and Results for Children with Disabilities – Preparation of Special Education, Early Intervention, and Related Services Leadership Personnel.	Co-PI \$1,249,995.00

2023	Dababnah, S., Magaña, S., Ware, A., Lewis, E. Vanegas, S., Reyes, C., Rose, R., Kang, V., Yakubova, G., & Badawi, D. <i>Comparing Culturally Relevant Approaches to Access Autism-Related Services</i> . Patient-Centered Outcomes Research Institute (PCORI)	Co-I
2022	Kang, V., & Yakubova, G. <i>Family Collaborative Video-based Learning of Self-Identified Daily Living Skill for Autistic Youth in Under-resourced Communities</i> . Autism Science Foundation.	Co-PI \$30,000
2022	Cummings, K. D., & Yakubova, G. <i>Project EBP-CAL: Preparing Researchers with Expertise in Evidence-Based Practices that Promote Content Area Learning for High Need Students with Autism</i> US Department of Education, Office of Special Education and Rehabilitative Services.	Co-PI \$1,249,979.00
2020	De La Paz, S., Stapleton, L., & Yakubova, G. <i>Promoting Educational Equity for Students with Disabilities Amid COVID-19</i> . Spencer Foundation.	Co-I \$45,082
2017	Yakubova, G., Dow-Burger, K., & Redcay, E. <i>Teaching Social Relationships and Dating Milieus to Young Adults with ASD via Virtual Reality</i> . Organization for Autism Research.	PI \$30,000
2017	Yakubova, G., Kaipa, K., Sweet, T., Dow-Burger, K. M., & LoPresti, E. <i>Virtual Worlds-based Social Skills Training for Transition-Age Students with Autism Spectrum Disorder</i> . National Institute of Mental Health.	PI \$275,000

II.C.4. Other: International Partnership Initiation Grant

*Zakirova Engstrand, R., Wilder, J., & Yakubova, G. (08/2021; 150,000 SEK). *Daily living skills: Strengths, challenges, and priorities from the perspectives of both parents and adolescents/young adults with autism*. STINT Initiation Grant for Internationalisation. The Swedish Foundation for International Cooperation in Research and Higher Education.

*All three authors are key persons in the project: Two key persons from Stockholm University and one key person from University of Maryland at College Park.

III. Teaching, Extension, Mentoring, and Advising

III.A. Courses Taught

Include courses taught in the last five years. Indicate approximate enrollments and any unusual formats.

University of Maryland		# of students
Fall, 2023	Methods of Teaching Autistic Students (EDSP 404–604; 3 credits; mixed cohort)	11
Spring, 2023	Supporting Access for Students with Multiple Disabilities Across Settings (EDSP403–603; 3 credits; mixed cohort)	4

Fall, 2022	The Use of Single Subject Research Designs in Education (EDSP 670-IH17; 3 credits; EdD program in Germany)	17
Fall, 2022	Doctoral Research Seminar (EDSP 860; 3 credits)	3
Fall, 2022	Education of Students with Autism Spectrum Disorders (EDSP 404/604; 3 credits; mixed cohort)	11
Summer, 2022	Education of Students with Autism Spectrum Disorders (EDSP 604-IH15; 3 credits; hybrid format)	8
Spring, 2022	The Use of Single Subject Research Designs in Education (EDSP 670; 3 credits; mixed cohort)	11
Spring, 2022	Instruction of Students with Physical Disabilities (EDSP 403/603; 3 credits; mixed cohort)	4
Fall, 2021	Doctoral Research Seminar (EDSP 860; 3 credits; hybrid format)	4
Fall, 2021	Education of Students with Autism Spectrum Disorders (EDSP 404/604; 3 credits; mixed cohort; hybrid format)	14
Summer, 2021	Social Communication Challenges and Strategies for Individuals with Autism Spectrum Disorder and Severe Disabilities (EDSP 678G-IH15; 3 credits; online format)	22
Spring, 2021	Instruction of Students with Physical Disabilities (EDSP 403/603; 3 credits; mixed cohort; online format)	7
Fall, 2020	Education of Students with Autism Spectrum Disorders (EDSP 404/604; 3 credits; mixed cohort; online format)	11
Fall, 2020	Universal Design for Learning (EDSP 411; 3 credits; online format)	10
Summer, 2020	Education of Students with Autism Spectrum Disorders (EDSP 604-IH15; 3 credits; online format)	22
Spring, 2020	Assessment and Instruction in Mathematics in Special Education (EDSP 485/683; 3 credits; mixed cohort)	9
Spring, 2020	The Use of Single Subject Research Designs in Education (EDSP 670; 3 credits; mixed cohort)	17
Fall, 2019	Education of Students with Autism Spectrum Disorders (EDSP 404/604; 3 credits; mixed cohort)	17
Spring, 2019	The Use of Single Subject Research Designs in Education (EDSP 670; 3 credits; mixed cohort)	10
Spring, 2019	Assessment and Instruction in Mathematics in Special Education (EDSP 485/683; 3 credits; mixed cohort)	13
Fall, 2018	Education of Students with Autism Spectrum Disorders (EDSP 404/604; 3 credits; mixed cohort)	20
Summer, 2018	Social Communication Challenges and Strategies for Individuals with Autism Spectrum Disorder and Severe Disabilities (EDSP 678A-IH15; 3 credits)	20

Fall, 2017	Universal Design for Learning (EDSP 411; 3 credits)	21
Fall, 2017	Education of Students with Autism Spectrum Disorders (EDSP 404/604; 3 credits; mixed cohort)	22

III.A.1. Instructional Workshops and Seminars Established

Semester	Title	Program
Summer, 2018	Single-case experimental design – one-week workshop style course	Project RISE Summer Academy

III.B. Advising: Research or Clinical

III.B.1. High School

Dates	Student Information	Role
July 2022 – May 2023	Saanvi Shashikiran Walter Johnson High School	Research Mentor as part of the High School Executive Internship Program

III.B.2. Undergraduate

Dates	Student Information	Role
2021 – 2023	Anthony Proulx, Mathematics Education and Educational Policy	Research Mentor
2020–2021	Anthony Proulx, Mathematics Education Research Institute for Scholars in Education (RISE) Program University of Maryland	Research Mentor in Project RISE
2019–2020	Ikram Abdoulwasse, Psychology RISE Program University of Maryland	Research Mentor in Project RISE
2019, Fall	Devica Pitter, Special Education Bowie State University	Research Mentor in Project RISE

III.B.3. Service in Gemstone Honor's Thesis Committee

Date	Students	Thesis Title	Program	Role
2020	Christine Bailey, Jacqueline Deprey, Abdulfatai Fakoya, John Nolan, Ivan Quiles-Rodriguez, Cameron Soderberg, Junie Wu, Richard Yu	Exploration of Augmented Reality as an Assistive Device for Students with Dyslexia	Team ART Gemstone Honors Program	Committee Member: Gemstone Senior Team Thesis

III.B.4. Service on Doctoral Student Committees

Dates	Student Information	Role
2022-2023	Kelly Hoffman Library and Information Sciences University of Maryland	Dissertation Committee Member
2021-2022	Jennifer Llewellyn Special Education University of Maryland	Portfolio Review Committee Member
2022 – current	Sara Pepkin Dataram Special Education University of Maryland	Portfolio Review Committee Member Dissertation Committee Member
2021- current	Melissa Defayette Special Education University of Maryland	Portfolio Review Committee Chair Dissertation Committee Chair
2019 – 2022	Briella Baer Chen (August 2022, Special Education) University of Maryland	Portfolio Review Committee Chair Dissertation Committee Chair
2017-2020	Alexandra Shelton (2020, Special Education) University of Maryland	Portfolio Review Committee Member Dissertation Committee Member
2018-2019	Yewon Lee (2019, Special Education) University of Maryland	Dissertation Committee Member
2017	Fayez Suliman Maajeeny (2017, Special Education) University of Maryland	Dissertation Committee Member

III.B.5. Doctoral Advising

Dates	Student Information	Role	Advisee's first employment upon graduation
2023 –	Michaela Duranti Special Education University of Maryland	Advisor	
2022 –	Tvisha Vyas Special Education University of Maryland	Advisor	
2021 –	Monerah Al-Dubayan Special Education University of Maryland	Advisor	
2021 –	Stuti Gupta Special Education University of Maryland	Advisor	
2019 –	Melissa Defayette Special Education University of Maryland	Advisor	

2018–2022	Briella Baer Chen, Special Education University of Maryland	Advisor	Tenure-track Assistant Professor at Towson University
2016–2017	Nada Halawani Special Education University of Maryland	Advisor	N/A

III.C. Mentorship**III.C.1. Junior Faculty**

Dates	Junior Faculty Information	Role
August, 2023 – May 2022 –	Sehrish, Shikarpurya, Assistant Professor, University of Maryland Veronica Kang, Assistant Professor, University of Maryland	Faculty Mentor Co-Mentor as part of the Cultural Diversity Career Advancement Program (C-CAP), International Society for Autism Research (INSAR)
August 2022 –	Yewon Lee, Clinical Assistant Professor, University of Maryland	Faculty Mentor

III.D. Advising: Other than Directed Research**III.D.1. Master's**

Dates	Student Information	Role
2021	Josue Niyokwizigirwa, The International Association of Special Education	Mentor

III.D.2. Doctoral

Dates	Student Information	Role
May 2022 –	Apurba Shil (Ben Gurion University of the Negev, Israel) Sofia Baena Medina (Universidad de Sevilla, Spain)	Co-Mentor as part of the Cultural Diversity Career Advancement Program (C-CAP), International Society for Autism Research (INSAR)

III.D.3. Guest Lectures (*Presented in traditional classes or for someone else's program*)

Yakubova, G. (2022). Supporting the mathematics learning of autistic students and students with moderate to severe disabilities. Presented in EDSP 485/683 *Assessment and Instruction in Mathematics in Special Education*.

Yakubova, G. (2021). Alternating treatments design. Presented in EDSP 670 *The Use of Single Subject Research Designs in Education*.

Yakubova, G. (2017). Concrete and visual representation (CRA): Teaching students with autism

spectrum disorder (ASD). Presented in EDSP 485/683 *Assessment and Instruction in Mathematics in Special Education*.

III.E. Other Teaching Activities

Dates	Work Completed	University
2014 – 2015	Development of a new Ph.D. program in Special Education	Duquesne University
2014 – 2015	Work on a Program Re-Accreditation by Council for Exceptional Children	Duquesne University

IV. **Service and Outreach**

IV.A.1. Editorial Boards

2023 – *Education and Training in Autism and Developmental Disabilities*
 2022 – *Focus on Autism and Other Developmental Disabilities*
 2020 – *Journal of Special Education Technology*
 2014 – *Journal of International Association of Special Education*

IV.A.2. Reviewing Activities for Journals and Presses: Ad Hoc Reviewer for Peer-Reviewed Journals

2024 *School Science and Mathematics*
 2023 – *Review Journal of Autism and Developmental Disorders*
 2023 *Remedial and Special Education*
 2022 *Research and Practice for Persons with Severe Disabilities*
 2021 – 2023 *Education and Training in Autism and Developmental Disabilities*
 2014 – 2021 *Journal of Autism and Developmental Disorders*
 2013, 2020 – *Focus on Autism and Other Developmental Disabilities*
 2022
 2021 *Journal of Behavioral Education*
 2021 *School Psychology*
 2020 – 2021 *Teaching Exceptional Children*
 2020 *Autism: International Journal of Research and Practice*
 2019 *Teacher Education and Special Education*
 2017, 2022 *Advances in Neurodevelopmental Disorders*
 2017 – 2020 *Journal of Special Education Technology*
 2017 *Assessment for Effective Intervention*
 2016 *Division on Autism and Developmental Disabilities Online Journal*
 2015 – 2021 *Journal of International Special Needs Education*

IV.A.3. Reviewing Activities for Conferences

2017 – Annual Conference of the Division on Autism and Developmental Disabilities, Council for Exceptional Children
 2014 – Annual Meeting of the International Society for Autism Research
 2014 – Annual Conference of the Council for Exceptional Children
 2014 – Biennial Conference of the International Association of Special Education
 2020 Annual Meeting of the American Educational Research Association

- 2019 2019 Association for Computing Machinery, Interaction Design and Children Conference, Reviewed paper focused on co-designing with minimally verbal children on the autism spectrum
- 2018 Annual Conference of the Division of International Services and Special Education, Council for Exceptional Children

IV.A.4. Other Reviewing Activities

- 2018 Reviewing empirical articles for Evidence-Based Practices Update, National Clearinghouse on Autism Evidence and Practice
- 2012 Reviewing empirical articles for Evidence-Based Practices Update, The National Professional Development Center on Autism Spectrum Disorders

IV.B. Committees, Professional & Campus Service

IV.B.1. Campus Service – Department

- 2023, Fall – Director of Graduate Studies, special education program
- 2023, Spring IRB liaison for the special education program
- 2022–2023 Counseling, Higher Education, and Special Education Department Search Committee Chair for Special Education Faculty – Tenure-Track Assistant/Associate Professor in Moderate-Severe Intellectual and Developmental Disabilities
- 2021 – Counseling, Higher Education, and Special Education Department Advisory Committee, Post-Baccalaureate Certificate in Supporting Children with Intensive Behavior Needs in partnership with Kennedy Krieger Institute
- 2018 – Counseling, Higher Education, and Special Education Department Departmental Programs, Curricula, and Courses (PCC) Committee Member
- 2017 – Counseling, Higher Education, and Special Education Department Graduate Committee Member of Special Education Program
- 2019 – 2021 Counseling, Higher Education, and Special Education Department Program Director, Post-Baccalaureate Certificate in Supporting Children with Intensive Behavior Needs in partnership with Kennedy Krieger Institute
- 2021–2022 Counseling, Higher Education, and Special Education Department Search Committee Member for Special Education Faculty (2 positions) – Tenure-Track Assistant/Associate Professor in Severe Disabilities; Tenure-Track Assistant/Associate Professor in Early Childhood Special Education
- 2020 Counseling, Higher Education, and Special Education Department Search Committee Member for Special Education Faculty – Clinical Assistant Professor in Severe Disabilities
- 2020 Counseling, Higher Education, and Special Education Department Annual Faculty Merit Review Committee
- 2018 Counseling, Higher Education, and Special Education Department Search Committee Member for Special Education Faculty – Tenure-Track Assistant Professor in Early Elementary Special Education
- 2017 Counseling, Higher Education, and Special Education Department Co-Chair, Undergraduate Admissions Committee for Special Education Program

IV.B.2. Campus Service – College

- 2023, Spring Taskforce member for the Blueprint for Maryland's Future and the Accountability and Implementation Board
- 2023, Spring Faculty Judge, Graduate Student Research Symposium
- 2021–2023 College of Education, University of Maryland
Faculty Senator
- 2021 College of Education, University of Maryland
Reviewer for SPARC Doctoral Grants
- 2019 College of Education, University of Maryland
Search Committee Member for Staff – Undergraduate Recruiter Position
- 2017 College of Education, University of Maryland
Search Committee Member for Staff – Research Coordinator Position
- 2014 School of Education, Duquesne University
Reviewer for the Canevin Center Small Grants

IV.B.3. Campus Service – University

- 2018; 2017 University of Maryland
Faculty Judge for Poster Presentations, Graduate Research Appreciation Day
- 2015 Duquesne University
Reviewer for Faculty Development Fund Grants

IV.B.4. Offices and Committee Memberships

- 2022 – 2024 *International Society for Autism Research*
Past Co-Chair, Cultural Diversity Committee
- 2019 – 2022 *International Society for Autism Research*
Co-Chair, Cultural Diversity Committee
- 2019–2021 *International Association of Special Education*
Editor, Newsletter Committee
- 2018 – 2019 *International Society for Autism Research*
Leadership Committee Member, Cultural Diversity Committee
- 2015 – 2017 *International Society for Autism Research*
Volunteer Member, Cultural Diversity Committee
- 2014–2018 *International Association of Special Education*
Member, Newsletter Committee

IV.C. Non-Research Presentations

IV.C.1. Outreach Presentations

Lazar, J., & Yakubova, G. (2023, December). *Disability law and policy*. Project Enable Speaker Series. Maryland State Library Agency.

Yakubova, G. (2023, November). *Supporting students with developmental disabilities in mathematics learning via technology*. Presentation at Changwon National University, South Korea.

Yakubova, G., & Chen, B. B. (2021, October). *Strategies to support the completion of daily living tasks*. Webinar presented to parents through Partnership for Extraordinary Minds, Montgomery County, MD.

Yakubova, G. (2020, February). *Educator Experience: Mobile Technologies for Students with ASD*.

Technology Playground, co-sponsored by the Council for Exceptional Children (CEC) and The Innovations in Special Education Technology, Division of CEC. Portland, OR.

Yakubova, G., & Dow-Burger, K. M. (2018, April). *Virtual Reality for Better Understanding and Relationships for People with Autism Spectrum Disorder*. Autism at Work Research Workshop, Microsoft, Inc., Redmond, WA.

Yakubova, G. (2018, April). *Presentation on ASD for World Autism Awareness Day*. Kappa Lambda Xi Multicultural Sorority, Inc., UMD, College Park, MD.

Yakubova, G. (2017, November). *How to Create a Video Modeling/Video Prompting Intervention with VideoTote App*. In-service training conducted at Ivymount Schools, Rockville, MD.

Yakubova, G. (2017, September). *How to Create a Video Modeling/Self Modeling Intervention for Your Child with ASD*. Workshop presented at Community-wide Learning about Autism Speaker Series, University of Maryland Autism Research Consortium.

Yakubova, G. (2017, January). *Using technology to support skill acquisition and independence of students with autism spectrum disorders*. Workshop presented at Community-wide Learning about Autism Speaker Series, University of Maryland Autism Research Consortium.

IV.D. Awards and Honors

- | | |
|-------------|------------------------------------------------------------------------------------------------------------------------|
| 2016 – 2017 | Faculty Innovation Fellow, The Future of Information Alliance (FIA), University of Maryland |
| 2013 – 2015 | Sizemore Scholar in Urban Education, Dr. Barbara A. Sizemore Fellows Program, School of Education, Duquesne University |
| 2014 | INSAR Diversity Travel Award |
| 2016 | INSAR Diversity Travel Award |