



PILLAR 3

College and Career Readiness

All Maryland students should graduate from high school ready for college or to enter the workforce. Having rigorous coursework, including early college programs and AP classes, and opportunities to learn technical skills for high-demand industries provides various pathways for students to achieve college and career readiness.



COLLEGE OF
EDUCATION

TRANSFORMING
EDUCATION FOR GOOD

RESOURCE GUIDE FOR THE
BLUEPRINT FOR MARYLAND'S FUTURE

The University of Maryland College of Education's research centers and labs help prepare PK-12 students for life beyond high school. Our programs and research equip students with the knowledge, skills, and experiences necessary for future success.

Learn more about our research centers, programs and faculty experts.

Research and Outreach to Support Student and Academic Success

- The **Center for Mathematics Education**, a nationally prominent research and teaching center, addresses the improvement of mathematics education in K-16. The center's innovative teacher preparation programs and focused outreach efforts to local schools help increase access and participation of underrepresented minorities in mathematics.
- The **Immigrant Ed Next Lab** is an interactive, collaborative lab that focuses on research to support the educational success of immigrant youth and the role community-based organizations play in the lives of immigrant youth and their families.
- The **Maryland Institute for Minority Achievement and Urban Education** is an action-oriented collaborative focused on improving minority achievement, eliminating the achievement gap, and transforming urban education. One of its most widely known projects, Mathletics, immerses middle school students in a year-long program designed to engage them in data analytics through sports.
- The **Multilingual Research Center (MRC)** promotes research and outreach related to multilingualism, multilingual communities, and the education of multilingual populations. The aim is to increase the quality and number of TESOL, World Language, and dual language programs and teachers in Maryland and beyond.

- The **Maryland Initiative for Literacy & Equity (MILE)** is harnessing research-to-practice partnerships to help address systemic obstacles to literacy equity. MILE's research spans from brain and behavioral research to knowledge-building and professional training for educators, clinicians, librarians, families, communities, and policymakers.
- The **Center for Transition and Career Innovation (CTCI)** is designed to explore issues related to school-to-work transition for youth with disabilities. CTCI conducts usable research and offers best practices and targeted technical assistance for scholars, policymakers, and practitioners. The center also offers a range of professional development opportunities through research symposia, institutes, courses, workshops and consultation.

Academic and Career Pathways for All Students

- The **UMD Middle College Teacher Preparation Pathway** is a "grow your own" pathway to increase diversity in the teaching workforce and prepare teachers to fill critical positions in Maryland. In partnership with Prince George's County Public Schools and Prince George's Community College, this initiative creates opportunities for high school students who have simultaneously earned a high school diploma and an associate of arts in teaching to pursue a bachelors of science in the field of teaching from the University of Maryland.
- The **Maryland Early EdCorp Apprenticeship Program** recruits and prepares childcare teachers to meet the needs of children with disabilities, children who are English language learners, and children experiencing homelessness. Through the program, candidates work toward the Preschool Child Development Associate (CDA) credential, participate in paid apprenticeships at high-quality child care centers, and receive 160 hours of professional development and mentorship.
- A partnership between the College of Education and the College of Computer, Mathematical and Natural Sciences, **Terrapin Teachers** is an innovative Science, Technology, Engineering and Mathematics (STEM) teacher pathway. The program partners with Montgomery and Prince George's community colleges to recruit a diverse pool of undergraduate students, non-instructional staff (i.e. teaching aides) and career changers into the STEM teaching field. Students in the program gain early field experience and graduate with a teaching certification in grades 7-12.

Faculty Expertise

COLLEGE AND CAREER READINESS

Amy Dwyre D'Agati, SENIOR FACULTY SPECIALIST

AREAS OF EXPERTISE: Transition of youth with disabilities; disability employment and career development; inclusive higher education; family engagement for youth with disabilities; workforce development and disabilities

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Awilda Rodriguez, ASSOCIATE PROFESSOR

AREAS OF EXPERTISE: Rigorous high school coursework (ie. Advanced Placement); racial and class equity; college choice; college admissions

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Julie J. Park, PROFESSOR

AREAS OF EXPERTISE: Racial equity in higher education; Asian American college students; college admissions; race and religion; race/climate in STEM

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Paul Gold, ASSOCIATE PROFESSOR

AREAS OF EXPERTISE: Treatment and rehabilitation of mental disorders and addiction; career development for adolescents with disabilities

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Robert W. Lent, DISTINGUISHED UNIVERSITY PROFESSOR

AREAS OF EXPERTISE: Career choice and development; career self-management; work and life satisfaction; academic adjustment; counselor training and supervision; technology and the future of work

CONTACT: boblent@umd.edu

Nancy Shapiro, RESEARCH SCHOLAR

AREAS OF EXPERTISE: Higher education policy; P-20 education pipeline

CONTACT: nshapiro@umd.edu

ENGLISH LANGUAGE ARTS/LITERACY

Ayanna Baccus, ASSOCIATE CLINICAL PROFESSOR

AREA OF EXPERTISE: Reading and literacy instruction

CONTACT: baccusa@umd.edu

Drew Fagan, CLINICAL PROFESSOR

AREAS OF EXPERTISE: Preparing non-ESOL educators to work with English learners

CONTACT: dfagan@umd.edu

Loren Jones, ASSOCIATE CLINICAL PROFESSOR

AREAS OF EXPERTISE: Literacy and language instruction to support culturally and linguistically diverse students; writing development of English learners (ELs); teacher preparation for working with ELs across content areas

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Jennifer Turner, ASSOCIATE PROFESSOR

AREAS OF EXPERTISE: Culturally responsive approaches to elementary reading instruction literacy

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Peggy Wilson, ASSOCIATE CLINICAL PROFESSOR

AREAS OF EXPERTISE: Secondary English education; teacher preparation; literacy; grammar

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Shenika Hankerson, ASSISTANT PROFESSOR

AREAS OF EXPERTISE: African American and African languages; race; equity; language and literacy; biliteracy and bilingualism; second language writing and assessment

CONTACT: sdhanker@umd.edu

Jade Wexler, PROFESSOR

AREAS OF EXPERTISE: Reading; reading interventions; professional development and coaching for instructional leaders (e.g., literacy coaches) and teachers

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SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS (STEM)

Carolina Napp Avelli, ASSOCIATE CLINICAL PROFESSOR

AREAS OF EXPERTISE: Task-based student-centered mathematics teaching; equity and diversity; emergent multilingual students

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Andrew Brantlinger, ASSOCIATE PROFESSOR

AREAS OF EXPERTISE: Secondary mathematics education

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Daniel Chazan, PROFESSOR

AREAS OF EXPERTISE: Mathematics teaching as a societal endeavor; student-centered mathematics teaching

CONTACT: dchazan@umd.edu

Kimberly A. Griffin, DEAN AND PROFESSOR

AREAS OF EXPERTISE: Diversity, equity and inclusion in postsecondary education; graduate student training and career development; mentoring in higher education; equity in Science, Technology, Engineering, and mathematics (STEM)

CONTACT: educationdean@umd.edu

Kelly Mix, PROFESSOR

AREAS OF EXPERTISE: Mathematics; symbol grounding

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Ebony Terrell Shockley, ASSOCIATE CLINICAL PROFESSOR

AREAS OF EXPERTISE: Underrepresented groups; STEM; literacy; exceptional education contexts

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Gulnoza Yakubova, ASSISTANT PROFESSOR

AREAS OF EXPERTISE: Mathematics

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Janet Walkoe, ASSOCIATE PROFESSOR

AREAS OF EXPERTISE: Teaching and learning of algebra

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Ways to Engage with the College of Education

- Request a consultation with the Center for Transition and Career Innovation by emailing ctci@umd.edu.
- Become an apprenticeship site for students enrolled in our workforce program. Contact Amanda Schwartz, associate project director, at earlyedcorp@umd.edu or 301-405-2831.
- Learn more about dual enrollment (Early/Middle College) pathway programs. Contact Sonya Riley, manager of school and program partnerships, at smercer1@umd.edu.
- Partner with us to recruit secondary STEM teachers. Contact Anisha Campbell, associate director of Terrapin Teachers, at amcamp10@umd.edu.
- Connect with the Maryland Initiative for Literacy and Equity at umd-mile@umd.edu.

Learn More: education.umd.edu



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