FULL-TIME, ON-CAMPUS UNDERGRADUATE AND GRADUATE PROGRAMS (HOMEOOOD)

The Zanvyl Krieger School of Arts and Sciences is one of the core divisions of Johns Hopkins University's Homewood campus. Our mission is the creation of new knowledge and the education of our students, undergraduate and graduate alike. Comprising 22 academic departments and more than 30 centers, programs, and institutes, the Krieger School is home to students interested in the humanities, natural sciences, social sciences, and the arts. The excellence of these programs dates back to 1876, when Daniel Coit Gilman assembled a faculty of philosophy of international distinction. Today, inquiry and discovery remain the engine and fuel that drive teaching and learning in the school. The departmental and program descriptions that follow are notable illustrations of the interdisciplinary offerings and opportunities available for a student to structure a unique field of study in the humanities, natural sciences, quantitative studies, and behavioral sciences.

Bachelor's Programs

- Africana Studies, Bachelor of Arts (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/africana-studies/africana-studies-bachelor-arts/)
- Anthropology, Bachelor of Arts (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/anthropology/anthropology-bachelor-arts/)
- Archaeology, Bachelor of Arts (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/archaeology-ugrad-major/archaeology-bachelor-arts/)
- Behavioral Biology, Bachelor of Arts (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/behavioral-biology/behavioral-biology-bachelor-arts/)
- Biology, Bachelor of Arts (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/biology/biology-bachelor-arts/)
- Biophysics, Bachelor of Arts (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/biophysics/biophysics-bachelor-arts/)
- Chemistry, Bachelor of Arts (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/chemistry/chemistry-bachelor-arts/)
- Classics, Bachelor of Arts (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/classics/classics-bachelor-arts/)
- Cognitive Science, Bachelor of Arts (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/cognitive-science/cognitive-science-bachelor-arts/)
- East Asian Studies, Bachelor of Arts (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/east-asian-studies/east-asian-studies-bachelor-arts/)
- Economics, Bachelor of Arts (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/economics/economics-bachelor-arts/)
- English, Bachelor of Arts (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/english/english-bachelor-arts/)
- Environmental Science, Bachelor of Science (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/earth-planetary-science/environmental-science-bachelorscience/)
- Environmental Studies, Bachelor of Arts (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/earth-planetary-science/environmental-studies-bachelor-arts/)
- Film and Media Studies, Bachelor of Arts (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/film-media-studies/film-media-studies-bachelor-arts/)
- French, Bachelor of Arts (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/modern-languages-literatures/french-bachelor-arts/)
- German, Bachelor of Arts (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/modern-languages-literatures/german-bachelor-arts/)
- History, Bachelor of Arts (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/history/history-bachelor-arts/)
- History of Art, Bachelor of Arts (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/history-art-bachelor-arts/)
- History of Science, Medicine, and Technology, Bachelor of Arts (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/history-science-technology/history-science-medicine-technology-bachelor-arts/)
- Interdisciplinary Studies, Bachelor of Arts (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/interdisciplinary-studies/interdisciplinary-studies-bachelor-arts/)
- International Studies, Bachelor of Arts (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/international-studies/international-studies-bachelor-arts/)
- Italian, Bachelor of Arts (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/modern-languages-literatures/italian-bachelor-arts/)
- Latin American, Caribbean, and Latinx Studies, Bachelor of Arts (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/program-latin-american-caribbean-latinx-studies/latin-american-caribbean-latinx-studies-bachelor-arts/)
- Mathematics, Bachelor of Arts (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/mathematics/mathematics-bachelor-arts/)
- Medicine, Science, and the Humanities, Bachelor of Arts (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/medicine-science-humanities/medicine-science-humanities-bachelor-arts/)
- Molecular and Cellular Biology, Bachelor of Science (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/biology/molecular-cellular-biology-bachelor-science/)
• Natural Sciences Area, Bachelor of Arts (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/natural-sciences-area/natural-sciences-area-bachelor-arts/)
• Near Eastern Studies, Bachelor of Arts (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/near-eastern-studies/near-eastern-studies-bachelor-arts/)
• Neuroscience, Bachelor of Science (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/neuroscience/neuroscience-bachelor-science/)
• Philosophy, Bachelor of Arts (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/philosophy/philosophy-bachelor-arts/)
• Physics, Bachelor of Arts (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/physics-astronomy/physics-astronomy-bachelor-arts/)
• Physics, Bachelor of Science (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/physics-astronomy/physics-bachelor-science/)
• Political Science, Bachelor of Arts (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/political-science/political-science-bachelor-arts/)
• Psychology, Bachelor of Arts (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/psychological-brain-science/psychology-bachelor-arts/)
• Public Health Studies, Bachelor of Arts (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/public-health-studies/public-health-studies-bachelor-arts/)
• Romance Languages, Bachelor of Arts (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/modern-languages-languages/romance-languages-bachelor-arts/)
• Sociology, Bachelor of Arts (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/sociology/sociology-bachelor-arts/)
• Spanish, Bachelor of Arts (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/modern-languages-literatures/spanish-bachelor-arts/)
• Writing Seminars, Bachelor of Arts (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/writing-seminars/writing-seminars-bachelor-arts/)

Minors

• Africana Studies, Minor (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/africana-studies/africana-studies-minor/)
• Anthropology, Minor (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/anthropology/anthropology-minor/)
• Bioethics, Minor (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/bioethics/bioethics-minor/)
• Business, Minor (https://e-catalogue.jhu.edu/business/degrees-certificates/undergraduate-minor-business/)
• Civic Life, Minor (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/civic-life/civic-life-minor/)
• Classics, Minor (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/classics/classics-minor/)
• East Asian Studies, Minor (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/east-asian-studies/east-asian-studies-minor/)
• Economics, Minor (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/economics/economics-minor/)
• Energy, Minor (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/earth-planetary-science/energy-minor/)
• English, Minor (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/english/english-minor/)
• Environmental Studies, Minor (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/earth-planetary-science/environmental-studies-minor/)
• Film and Media Studies, Minor (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/film-media-studies/film-media-studies-minor/)
• Financial Economics, Minor (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/economics/financial-economics-minor/)
• French, Minor (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/modern-languages-literatures/french-minor/)
• German, Minor (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/modern-languages-literatures/german-minor/)
• History, Minor (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/history/history-minor/)
• History of Art, Minor (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/history-art/history-art-minor/)
• History of Science, Medicine and Technology, Minor (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/history-science-medicine-technology-minor/)
• Islamic Studies, Minor (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/islamic-studies/islamic-studies-minor/)
• Italian, Minor (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/modern-languages-literatures/italian-minor/)
• Jewish Studies, Minor (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/jewish-studies/jewish-studies-minor/)
• Latin American, Caribbean, and Latinx Studies, Minor (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/latin-american-caribbean-latinx-studies/latin-american-caribbean-latinx-studies-minor/)
• Linguistics, Minor (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/cognitive-science/linguistics-minor/)
• Mathematics, Minor (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/mathematics/mathematics-minor/)
• Museums and Society, Minor (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/museums-society/museums-society-minor/)
• Music, Minor (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/music/music-minor/)
• Near Eastern Studies, Minor (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/near-eastern-studies/near-eastern-studies-minor/)
• Philosophy, Minor (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/philosophy/philosophy-minor/)
• Physics, Minor (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/physics-astronomy/physics-minor/)
• Psychology, Minor (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/psychological-brain-science/psychology-minor/)
• Social Policy, Minor (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/social-policy/minor/social-policy-minor/)
• Space Science and Engineering, Minor (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/space-science-engineering/space-science-engineering-minor/)
• Spanish for the Professions, Minor (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/modern-languages-literatures/spanish-professions-minor/)
• Spanish Language and Hispanic Cultures, Minor (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/modern-languages-literatures/spanish-language-hispanic-cultures-minor/)
• Theatre Arts and Studies, Minor (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/theatre-arts-studies/theatre-arts-studies-minor/)
• Visual Arts, Minor (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/art-workshops/visual-arts-minor/)
• Women, Gender, and Sexuality, Minor (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/study-women-gender-sexuality/women-gender-sexuality-minor/)
• Writing Seminars, Minor (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/writing-seminars/writing-seminars-minor/)

*** Archaeology, Minor (Newly approved for Fall 2023, please visit the Undergraduate Program in Archaeology website (https://krieger.jhu.edu/archaeology/academics/requiremen/) for more information.)

Non Degree Programs

• Honors Program in the Humanities (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/comparative-thought-and-literature/honors-program-humanities/)
• Military Science (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/military-science/)

Combined Bachelor’s/Master’s Programs

• Biology, Bachelor of Arts/Master of Science (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/biology/biology-bachelor-arts-master-science/)
• Biophysics, Fifth-Year Master’s Degree (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/biophysics/biophysics-fifth-year-masters-degree/)
• Classics, Bachelor of Arts/Master of Arts (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/classics/classics-bachelor-arts-master/)
• Direct Matriculation: International Studies B.A./M.A. Program with the Paul H. Nitze School of Advanced International Studies (SAIS) (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/international-studies/ba-ma-sais/)
• German Bachelor of Arts/Master of Arts (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/modern-languages-literatures/german-bachelor-arts-master/)
• History, Bachelor of Arts/Master of Arts Four-Year Program (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/history/history-bachelor-arts-master-four-year-program/)
• History of Art, Bachelor of Arts/Master of Arts (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/history-art-bachelor-arts-master/)
• International Studies Five-Year Accelerated B.A./M.A. Program with Sciences Po (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/international-studies/ba-ma/)
• Mathematics, Bachelor of Arts/Master of Arts (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/mathematics/mathematics-bachelor-arts-master/)
• Molecular & Cellular Biology, Bachelor of Science/Master of Science (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/biology/molecular-cellular-biology-master-science/)
• Neuroscience, Bachelor of Science/Master of Science (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/neuroscience/neuroscience-bachelor-science-master/)
• Philosophy, Bachelor of Arts/Master of Arts (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/philosophy/philosophy-bachelor-arts-master/)
• Physics, Bachelor of Science/Master of Science (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/physics-astronomy/physics-bachelor-science-master-science/)

Master’s Programs

• Cognitive Science, Master of Arts (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/cognitive-science/cognitive-science-master-art/)
• Writing Seminars, Master of Fine Arts (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/writing-seminars/writing-seminars-master-fine-art/)

Doctoral Programs

• Anthropology, PhD (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/anthropology/anthropology-phd/)
• Astronomy and Astrophysics, PhD (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/physics-astronomy/astro-physics-phd/)
• Biophysics, PhD - Jenkins Biophysics Program (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/biophysics/biophysics-phd-enkins/)
• Biophysics, PhD - Program in Molecular Biophysics (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/biophysics/biophysics-phd-bmp/)
• Cellular, Molecular, Developmental Biology and Biophysics, PhD (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/biology/cellular-molecular-developmental-biology-biophysics-phd/)
• Chemical Biology, PhD (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/chemical-biology/chemical-biology-phd/)
• Chemistry, PhD (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/chemistry/chemistry-phd/)
• Classics, PhD (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/classics/classics-phd/)
• Cognitive Science, PhD (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/cognitive-science/cognitive-science-phd/)
• Earth and Planetary Sciences, PhD (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/earth-planetary-science/earth-planetary-science-phd/)
• Economics, PhD (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/economics/economics-phd/)
• English, PhD (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/english/english-phd/)
• French, PhD (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/modern-languages-literatures/french-phd/)
• German, PhD (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/modern-languages-literatures/german-phd/)
• History of Art, PhD (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/history-art/history-art-phd/)
• History of Science and Technology, PhD (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/history-science-technology/history-science-technology-phd/)
• History, PhD (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/history/history-phd/)
• Humanistic Studies, PhD (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/comparative-thought-and-literature/humanistic-studies-phd/)
• Italian, PhD (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/modern-languages-literatures/italian-phd/)
• Jewish Languages and Literatures, PhD (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/jewish-studies/jewish-languages-literatures-phd/)
• Mathematics, PhD (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/mathematics/mathematics-phd/)
• Near Eastern Studies, PhD (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/near-eastern-studies/near-eastern-studies-phd/)
• Philosophy, PhD (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/philosophy/philosophy-phd/)
• Physics, PhD (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/physics-astronomy/physics-phd/)
• Political Science, PhD (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/political-science/political-science-phd/)
• Psychology, PhD (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/psychological-brain-science/psychology-phd/)
• Sociology, PhD (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/sociology/sociology-phd/)
• Sociology, PhD/Applied Mathematics and Statistics, MSE Joint Program (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/sociology/sociology-phd-applied-mathematics-statistics-mse-joint-program/)
• Spanish, PhD (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/modern-languages-literatures/spanish-phd/)

Certificate(s)
• Film and Media Studies, Graduate Certificate (https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/modern-languages-literatures/film-media-studies-pbc/)

Krieger School of Arts and Sciences Leadership
Christopher S. Celenza
James B. Knapp Dean, Krieger School of Arts and Sciences

Christopher Cannon
Vice Dean for Humanities and Social Sciences and Academic Affairs

Veronica Donahue
Associate Dean for Graduate and Professional Programs

Renee Eastwood
Assistant Dean for Graduate and Postdoctoral Academic and Student Affairs

Mary Favret
Vice Dean for Graduate Education, and Centers and Programs

Araceli Frias
Assistant Dean for Diversity, Equity, and Inclusion

Bertrand García-Moreno
Vice Dean for Natural Sciences and Research Infrastructure

Mary Louise Healy
Assistant Dean for Research Administration

Rachel Hitchcock
Associate Dean for External Affairs

Jessie Martin
Assistant Dean for Academic Advising

Linda Nathan
Senior Assistant Dean for Finance

Kofi Ofori
Senior Associate Dean for Finance and Administration

Mike Reese
Associate Dean and Director, Center for Teaching, Excellence, and Innovation
Erin Rowe  
*Vice Dean for Undergraduate Education*

Full Faculty directory may be found on Faculty Directory (https://krieger.jhu.edu/people/faculty-directory/) page.