

ALEX CHAND

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EDUCATION

University of Mississippi, MFA	expected 8/2025
Course: Creative Writing - Poetry	
University of Leeds, Fulbright Postgraduate Award, MA, <i>Distinction</i>	11/2024
Course: English Literature	
Lawrence University, BA, <i>summa cum laude</i>	6/2022
Majors: Physics and English Minors: Biology and Creative Writing	

GRANTS, FELLOWSHIPS AND FUNDING

Noah Davis x The Barbican Commission, The Barbican Centre	3/2025
Sarahfest Artist Residency, Sarah Isom Center for Women and Gender Studies, University of Mississippi	11/2024
The Centre for Practice Research in the Arts (CePRA) Grant, University of Leeds	1/2024
Graduate Teaching Assistantship, University of Mississippi	8/2023-Current
Make the Change Commission, Bradford Producing Hub	7/2023
Fulbright-University of Leeds Postgraduate Award, US-UK Fulbright Commission	9/2022-7/2023
Schwallie Family Scholarship, Organization for Autism Research	8/2021
John and Mary Poulson Student Development Fund, Lawrence University	5/2021

AWARDS AND HONORS

Semi-finalist, Irons in the Fire, Fault Line Theatre Company	10/2024
Longlist, National Poetry Competition, Poetry Society UK	3/2024
First Runners-Up, University of Leeds UniSlam Team, UniSlam UK	3/2023
Finalist, William S. Robe Playwriting Residency, Sound Theatre Company	8/2022
Diderrich Prize in Creative Writing, Lawrence University	5/2022
Hicks Prize in Poetry, Lawrence University	5/2022
Tichenor Prize in English, Lawrence University	5/2022
Alexander Wiley Prize, Lawrence University	5/2022
The Student Life Award, Lawrence University	5/2022
Letterwinner Award, Lawrence University	5/2022
Diversity and Inclusion Champion, Lawrence University Office of Diversity and Inclusion	5/2022
Alexander J. Reid Prize in English, Lawrence University	5/2021
Student Organization Diversity and Inclusion Champion, Lawrence University Disability Working Group, Lawrence University Office of Diversity and Inclusion	5/2021
Lawrence University Dean's List	6/2019, 6/2020, 6/2021, 6/2022
Academic All-Midwest Conference, Midwest Conference	6/2018

PUBLICATIONS

Chand, Alex. "Intertidal Zone."	Fall 2025
<i>The Cincinnati Review</i> , edited by Andy Sia and Recca Lindenberg	
Chand, Alex. "Frog and Toad Are Friends" and "N-body problem set-up."	11/2024
<i>The Offing</i> , Back of the Envelope, edited by Chaelee Dalton	

Chand, Alex. "Beach" and "September 12th, 2001." 10/2024
To Be Languaged Thus: Barbican Young Poets Anthology 2022-23, edited by Jacob Sam-LaRose, flipped eye

Chand, Alex. "the poet seeks asylum." 5/2022
The Common Language Project: Passages, edited by Tarfia Faizullah, et al., The Writer's Garret, p. 16

Alspaugh G., Roarke B., **Chand A.**, Penjweini R., Andreoni A., Knutson J.R. 5/2021
Developing Analysis Protocols for Monitoring Intracellular Oxygenation Using Fluorescence Lifetime Imaging of Myoglobin-mCherry. In: Brzostowski J., Sohn H. (eds) *Confocal Microscopy*. Methods in Molecular Biology, vol 2304. Humana, New York, NY. https://doi.org/10.1007/978-1-0716-1402-0_17.

Rozhin Penjweini, Greg Alspaugh, Branden Roarke, **Alexandra Chand**, Jay R. Knutson, 5/2020
"Optimization of analysis protocol and probe expression for monitoring intracellular oxygenation using fluorescence lifetime imaging of myoglobin-mCherry (Conference Presentation)," Proc. SPIE 11244, Multiphoton Microscopy in the Biomedical Sciences XX, 112441T; <https://doi.org/10.1117/12.2550660>.

SELECTED RESEARCH PRESENTATIONS

Chand, Alex. Records, Bullets, and Plastic Water Cannons: Linton Kwesi Johnson's Use of Material 4/2025
Fragments and the Contemporary Bitstream. Conference paper presented at: Bridges and Borders: The Archive; Department of English; Carnegie Mellon University, Virtual.

Chand, Alex. Celestial Mechanics. Conference paper presented at: Through the Breaches: Gender, 3/2025
Materiality and Spaces/Über die Klüfte: Geschlecht, Materialität und Räume; Department of Modern Languages and Literatures and of English Studies, and the Section of German Studies; University of Barcelona, Barcelona, Spain.

Chand, Alex; Adler, Zoe; Jankowski, Maria; Limon, Eileen; Maier, Jojo. 6/2024
Disrupting academic norms, dismantling hierarchies, and building intersectional communities through the Lawrence University Disability Working Group (LUDWiG). Video presented at: Anarchy and Activism — Disrupting Disability Conference; White Rose Disability Network, University of Leeds, Leeds, UK.

Chand, Alex. 'In the Under-World': Excavating the Silenced, Feral Other in *humanimal* 4/2024
Conference paper presented at: F[r]iction Graduate English Association Conference 2024; Department of English, University of Toronto, Toronto, Canada.

Chand, Alex. A Matrix of Fluid Digits: Excavating Frames of Cognitive Difference in *humanimal* 6/2023
Conference paper presented at: MA Research Conference; School of English, University of Leeds, Leeds, UK.

Chand, Alex. Wind, Rain, and Thunder: Black Reconstruction and the Creative Voice of Thomas Wiggins 5/2022
in *Olio*. Conference paper presented at: Harrison Symposium; Lawrence University, Appleton, WI, USA

Chand, Alex. Diffusion Estimation: Creating a Package in Julia to Simulate Diffusion. 3/2022
Powerpoint presented at: Physics Capstone Presentations; Lawrence University, Appleton, WI, USA.

Chand, A., Kim, T.S. 8/2021
Signal Optimization of an Electro-Optic Modulator in a Circular-Ranging OCT Light Source. PowerPoint presented at: Summer Institute for Biomedical Optics; Wellman Center for Photomedicine, Virtual.

Chand, A., Penjweini, R., Alspaugh, G., Roarke, B., Knutson, J. 8/2019

Developing Analysis Protocol for Monitoring Intracellular Oxygenation Using Fluorescence Lifetime Imaging of Myoglobin-mCherry. Poster presented at: Office of Intramural Training and Education Summer Poster Day; National Institutes of Health, Bethesda, MD, USA.

SELECTED READINGS, PERFORMANCES AND WORKSHOPS

Chand, Alex. In Response to Noah Davis: Barbican Young Poets. The Barbican Centre, London, UK	3/2025
Chand, Alex. Imagining <i>Avonte Oquendo</i> . Scratch Night; Leeds Playhouse, Leeds, UK	6/2023
Chand, Alex. Physics and Poetry Workshop. Barbican Young Poets; The Barbican Centre, London, UK	5/2023
Chand, Alex. Barbican Young Poets Reading. Barbican Young Poets; The Barbican Centre, London, UK	5/2023
Chand, Alex. Poetry reading. Dark Moon Poetry and Arts; Deep Vellum Books, Dallas, TX	3/2017
Chand, Alex. Love to Live. Young Playwrights Festival; Walden Theatre, Louisville, KY	5/2011

LEADERSHIP AND TEACHING EXPERIENCE

Graduate Instructor of Record 8/2024-Current

- Served as a graduate instructor-of-record for [Writing 101](#) and [Writing 102: Power and Privilege](#), semester-long first year writing and composition courses
- Wrote syllabuses, developed assignments, planned class activities and workshops
- Reviewed content from required course modules, facilitated a seminar class model, mentored students individually and in small tutorial groups, and strengthened students' close reading and writing skills twice/thrice per week
- Delivered feedback and marked all assessments throughout the semester

Graduate Teaching Assistant 8/2023-5/2024

- Taught three weekly 50-minute discussion sections for 200-level English courses each semester, including [Eng 225](#) (British Literature to 1800) and [Eng 222](#) (World Literature after 1650)
- Wrote syllabuses, developed assignments, planned weekly activities and workshops
- Reviewed content from lectures, met with students and strengthened students' close reading and writing skills once per week
- Marked summative assessments two or more times per semester

Yalobusha Review, Poetry Reader 8/2023-Current

- Read poetry submissions and attended editorial meetings twice per semester

Wayward Literature Magazine, Poetry Reviewer 11/2022-11/2023

- Offered personalized submission feedback, attended board meetings, and contributed ideas toward the magazine's development twice per year

Lawrence University Disability Working Group, Chair and Founder 8/2020-6/2022

- Piloted the creation of and co-wrote a successful grant proposal for an introductory Disability Studies course
- Collaborated and liaised with key contacts in university administration to address physical accessibility issues on campus, both in-person and face-to-face
- Facilitated bi-monthly roundtable meetings with students and staff
- Secured \$2390 in funding, organized, and led the 2021 LUDWiG Summer Leadership Summit over Google Meets and Discord
- Organized and led weekly meetings, and campus-wide events about disability and intersectionality for undergraduates, in both virtual and hybrid formats
- Developed and delivered an interactive workshop over Zoom on Disability Policy and Advocacy for MLK Day
- Mentored undergraduate students with disabilities

Christian Fellowship Small Group Leader 9/2019-3/2022

- Led weekly women's small group bible studies from 2019-21 on the Psalms and Women in the Bible, both in-person and over Zoom
- Co-led an outreach bible study on Mark in person

- Writing and Content Tutor** 9/2018-6/2022
- Nominated by English faculty to tutor Lawrence University students in expository writing
 - Facilitated in-class writing workshops for first-year studies students when requested by faculty
 - Served as a tutor for first-year studies, English literature courses, and introductory biology courses
- BioCore Leader** 9/2018-6/2019
- Led students in introductory biology courses through activities to reinforce concepts, vocabulary, and study skills
 - Planned activities and workshops to deliver to students each week
- Triangle Art and Literary Magazine**, Emma Willard School 9/2013-6/2016
- Developed content for an online platform, offered submission feedback, led board meetings, and published the print issue in May as literary editor during the 2015-16 school year
- Volunteer**, Trinity United Presbyterian Church 6/2014-8/2014; 6/2015-8/2015
- Camp counselor for Vacation Bible School and Gopher Gulch
 - First and second grade Sunday school assistant teacher

MEMBERSHIPS

American Physical Society	1/2020-Current
Association of Writers and Writing Programs	7/2021-Current
Barbican Young Poets	10/2022-5/2023
Bradford Producing Hub Empowered Program	11/2022-5/2023
Disability Services Student Panel, University of Leeds	10/2022-5/2024
Reading Group, Center for Excellence in Teaching and Learning, University of Mississippi	1/2024-5/2024
Lawrence University Community Council, External Special Projects Coordinator	3/2021-3/2022
Lawrence University Financial Planning Committee, Student Representative	10/2020-6/2022
Lawrence University Varsity Cross Country and Track, PRs: 5:22 mile and 23:23 6k (xc)	9/2017-6/2022
Lawrence University Womxn in Physics	9/2017-6/2022
Modern Language Association	12/2020-Current
National Council of Teachers of English	2/2024-Current
New Play Exchange	3/2022-Current
Playwrights' Center	3/2022-Current
Sigma Pi Sigma, Physics Honor Society	5/2022-Current
University of Mississippi Symphony Orchestra, 1st violin	1/2025-Current
UniSlam Team, Leeds University Union Spoken Word Society	2/2023-3/2023

SELECTED COURSE WRITING

- Celestial Mechanics*** | Advisor: Professor Aimee Nezhukumatathil 11/2024-Current
- Maintained a booklist
 - Drafted a full-length poetry manuscript exploring queer spacetime and gender performativity
 - Wrote an abstract and presented a conference paper based on the project
- MA Research Project** | Supervisor: Professor Amelia DeFalco 3/2023-9/2024
- Maintained a reading list, research notebook, and research/writing schedule
 - Drafted an article review and annotated bibliography centered on Bhanu Kapil's *humanimal*
 - Wrote two abstracts and presented two conference papers based on the project
 - Wrote a 10,867-word critical essay where I explored the notion of a colonial archive and racialized cognitive difference in relation to Bhanu Kapil's *humanimal*
- Charting Autistic Voices*** | Advisor: Dr Melissa Range 6/2020-6/2022
- Created a reading list and syllabus for an independent study on the representation of autism in literature

- Wrote a 170-page hybrid critical-creative piece that explores autistic language and voice through a sequence of poems, essays, and a one-act play
- Abstract [link]: <https://lux.lawrence.edu/luhp/167>

Additional Course Writing

- Mind and Egungun Mask in the Void of Strangers: Reading the Cultural and Colonial Context of Wole Soyinka's *Death and the King's Horseman* (essay) 12/2024
- Subversive Bodily Acts III. (poetry sequence) 12/2023
- I will just run and run and run and run and run: Locating Mene's sense of self in *Sozaboy* (essay) 8/2023
- Records, Bullets, and Plastic Water Cannons: Linton Kwesi Johnson's Use of Material Fragments and the Contemporary Bitstream (essay) 6/2023
- ?Chaos or Coffins: Spinning Thread, or, Reading the Gendered Mind in Pulter (essay) 1/2023
- Subversive Bodily Acts IV. (poetry sequence) 1/2023
- Simulating Anomalous Diffusion in Julia: Determining the Effects of Boundary Conditions on Membrane Diffusion for a Membrane Skeleton Picket Fence Model 6/2022
- Evaluating Quantum Entanglement and Single-Photon Interference Using Mach-Zehnder Interferometry 3/2022
- Museum of Gen Z Origins (poetry sequence) 5/2021
- Simulating the Precession of Mercury in Python: Determining the Effects of General Relativity 2/2021 and Jupiter on Precession Rate
- To the iTaukei. Love, the Indo-Fijian (digital exhibit-presentation with audio and poetry) 11/2020
- Levetiracetam as an Inhibitor for Synaptic Vesicle Protein SV2A and Synaptotagmin 1 co-trafficking 11/2020
- Dissecting the Brain Image in Dickinson (hybrid critical-creative nonfiction essay and golden shovel poem) 5/2020
- Letters, Love, and Alchemy in John Donne's 'Valediction: of the Book' (essay) 11/2019
- Bipolar Junction Transistors as Common Emitter Amplifiers: Determining the Effects of Emitter Resistance and Bypass Capacitors on Voltage Gain 10/2018

ADDITIONAL SKILLS AND EXPERIENCE

Non-university programs and workshops

- Barbican Young Poets, The Barbican Centre 10/2022-5/2023
- Topics in Playwriting: Human Rights and Social Justice, The Playwrights' Center 1/2022-5/2022
- Writing in the Face of Fear, Goodman Theatre 7/2021
- Autistic Self-Advocacy Network Campus Inclusion Summit, ASAN 7/2020
- Community and Mentorship Program, The Writer's Garret 1/2017-5/2017

Programming Languages

IDL (beginner), Julia (intermediate), Python (beginner), R (intermediate)

Software, Databases, and Citations

APA, ChemDraw, Discord, Excel, EBSCO, Google Meets, JSTOR, ImageJ, Kaleidagraph, LaTeX/Overleaf, Mathematica, MHRA, MLA, PowerPoint, PyMOL, SciFinder, Scrivener, Slack, Microsoft Teams

SELECTED UNDERGRADUATE RESEARCH

Department of Physics, Lawrence University, Physics Capstone

9/2021-6/2022

Advisor: Dr Douglas Martin

- Objective: Programmed independently in Julia to continue developing a package that simulates anomalous diffusion in cell membranes, including hop diffusion and the calculation of mean-squared displacements

**Wellman Center for Photomedicine, Harvard-MIT Health Sciences and Technology,
HST-Wellman Summer Institute for Biomedical Optics**

6/2021-8/2021

Advisor: Dr Tae Shik Kim

- Translated simulation code for the radio frequency signal in an electro-optic modulator in an OCT light source from MATLAB to Python and attended lectures and workshops twice weekly on topics relevant to biomedical optics
- Accepted and committed in 2020; canceled due to COVID

Department of Physics, University of New Mexico, Research Experience for Undergraduates 6/2021-8/2021

Advisor: Dr Keith Lidke

- Objective: Programmed independently using Julia to develop a package that simulates suppressed diffusion in cell membranes based on a protein-picket fence model

National Institutes of Health, C-SOAR (College Summer Opportunities to Advance Research) 6/2019-8/2019

Advisors: Drs Jay Knutson and Rozhin Penjweini

- Objective: developed analysis protocol for monitoring intracellular pO₂ using multiphoton microscopy configured for FLIM-FRET with FRET probe Myoglobin-mCherry
- Collected Myoglobin-mCherry fluorescence lifetime data using multiphoton confocal microscopy configured for FLIM-FRET, compiled and read literature to develop analysis protocol, co-wrote book chapter on analysis protocol in APA format, participated in a proteomics journal club and weekly workshops on keeping a lab notebook, reading a journal article, etc. with other C-SOAR interns.

SPECIAL INTERESTS

Track and Field, Origami, Cello, Music Composition, Violin, Piano