

# HANNAH KIM, M.S.

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## WHO AM I?

- A passionate researcher seeking a postdoctoral position starting in Fall 2026.
- A community builder who is good at initiating and facilitating collaborations.
- An academic hybrid with a strong desire to foster [an inclusive interdisciplinary learning environment](#).
- Research interests in bioinformatics, human-computer interaction, and interdisciplinary learning.

## EDUCATION

<b>PhD in Bioinformatics</b> , Temple University	2019 - present
Advisor, Bioinformatics: Dr. Sergei L Kosakovsky Pond	
Co-Advisor, Human-Computer Interaction (HCI): Dr. Stephen MacNeil	
Dissertation Topic: Harnessing interdisciplinarity in the investigation of nucleotide sequence evolution	
<b>MS in Computational Biology</b> , Carnegie Mellon University	2015 - 2016
Relevant Coursework: Computational Genomics, Machine Learning, and Algorithms & Advanced Data Structures	
<b>BS in Chemistry</b> , Carnegie Mellon University	2010 - 2013
Relevant Coursework: Principles of Computing, and Modern Analytical Instructions	

## MAJOR CERTIFICATES

08/2023 Teaching in Higher Education Certificate	Temple University - Center for the Advancement of Teaching
08/2023 MicroMBA	University of California, San Diego Extended Studies - Rady School of Management

## PUBLICATION

- [P3] **Kim, H.**, Nabid, R. A., Sorathiya, J., Doan, M., Jordan, E., Nasimova, R., Kosakovsky Pond, S. L., MacNeil, S. (2026). Changing the Optics: Comparing Traditional and Retrieval-Augmented GenAI E-Tutorials in Interdisciplinary Learning. *arXiv*, 1-16. doi:[10.48550/arXiv.2602.20544](https://doi.org/10.48550/arXiv.2602.20544)
- [Traditional E-Tutorial on HyPhy methods [FEL](#), [aBSREL](#), and [BUSTED](#) | GenAI E-Tutorial Code | Task Scenario]
- [C2] Auer, S., Betz, D., Biniossek, C., Jacyszyn, A., Jiomekong, A., **Kim, H.**, McGinty, H.K., Mills, K.G., Oelen, A., Rabby, G. and Rajabi, E. (2026). Proceedings of the 2nd AAAI Bridge on Artificial Intelligence for Scholarly Communication. *Open Conference Proceedings*, 8. doi:[10.52825/ocp.v8i.3212](https://doi.org/10.52825/ocp.v8i.3212)
- [P2] Jiomekong, A., McGinty, H. K., Mills, K. G., Oelen, A., Rajabi, E., McElroy, H., Christou, A., Saini, A., Zebaze, J. A., **Kim, H.**, Jacyszyn, A. M. (2025). Charting the future of scholarly knowledge with AI: A community perspective. *arXiv*, 1-39. doi:[10.48550/arXiv.2509.02581](https://doi.org/10.48550/arXiv.2509.02581)
- [C1] **Kim, H.**, Kosakovsky Pond, S. L., MacNeil, S. (2025). Conversations over Clicks: Impact of Chatbots on Information Search in Interdisciplinary Learning. *2025 IEEE Frontiers in Education Conference (FIE)*, 1-9. doi:[10.1109/FIE63693.2025.11328556](https://doi.org/10.1109/FIE63693.2025.11328556)
- FIE 2025 [ [Preprint](#) | [Teasers](#) | [Slide](#) | [Video](#) | [Recap](#) ]

[W2] **Kim, H.**, Kosakovsky Pond, S. L., MacNeil, S. (2024). WIP: Identifying Tutorial Affordances for Interdisciplinary Learning Environments. *2024 IEEE Frontiers in Education Conference (FIE)*, 1-5. doi:[10.1109/FIE61694.2024.10893187](https://doi.org/10.1109/FIE61694.2024.10893187)

- FIE 2024 [ [Preprint](#) | [Slide](#) | [Video](#) | [Recap](#) ]

[W1] **Kim, H.** (2023). Running a summer journal club for an interdisciplinary community: how to maintain engagement when members have disparate prior knowledge. *The Journal for Research and Practice in College Teaching*, 8(2). <https://journals.uc.edu/index.php/jrpct/article/view/8150/6710>

[J7] Huzar, J., **Kim, H.**, Kumar, S., Miura, S. (2022). MOCA for integrated analysis of gene expression and genetic variation in single cells. *Frontiers in Genetics*, 13:831040. doi:[10.3389/fgene.2022.831040](https://doi.org/10.3389/fgene.2022.831040)

[J6] Ding, Y., **Kim, H.**, Madden, K., Loftus, J., Chen, G., Allen, D., Zhang, R., Xu, J., Chen, C., Xu, Y., Tasian, S., Tan, K. (2021). Network Analysis Reveals Synergistic Genetic Dependencies for Rational Combination Therapy in Philadelphia Chromosome-like Acute Lymphoblastic Leukemia. *Clinical Cancer Research*, 27(18). doi:[10.1158/1078-0432.CCR-21-0553](https://doi.org/10.1158/1078-0432.CCR-21-0553)

[J5] Tarca, A. L., Pataki, B. Á., Romero, R., Sirota, M., Guan, Y., Kutum, R., Gomez-Lopez, N., Done, B., Bhatti, G., Yu, T., Andreoletti, G., Chaiworapongsa, T., **The DREAM Preterm Birth Prediction Challenge Consortium**, Hassan, S. S., Hsu, C., Aghaeepour, N., Stolovitzky, G., Csabai, I., Costello, J. C. (2021). Crowdsourcing assessment of maternal blood multi-omics for predicting gestational age and preterm birth. *Cell Reports Medicine*, 2(6). doi:[10.1016/j.xcrm.2021.100323](https://doi.org/10.1016/j.xcrm.2021.100323)

[J4] Ichikawa, Y., Bruno, V. M., Woolford, C. A., **Kim, H.**, Do, E., Brewer, G., Mitchell, A. P. (2021). Environmentally contingent control of Candida albicans cell wall integrity by transcriptional regulator Cup9. *Genetics*, 218(3). doi:[10.1093/genetics/iyab075](https://doi.org/10.1093/genetics/iyab075)

[J3] Tao, Y., Rajaraman, A., Cui, X., Cui, Z., Chen, H., Zhao, Y., Eaton, J., **Kim, H.**, Ma, J., Schwartz, R. (2021). Assessing the Contribution of Tumor Mutational Phenotypes to Cancer Progression Risk. *PLOS Computational Biology*, 17(3). doi:[10.1371/journal.pcbi.1008777](https://doi.org/10.1371/journal.pcbi.1008777)

[J2] He, B., Gao, P., Ding, Y., Chen, C., Chen, G., Chen, C., **Kim, H.**, Tasian, S. K., Hunger, S. P., Tan, K. (2020). Diverse noncoding mutations contribute to deregulation of cis-regulatory landscape in pediatric cancers. *Science Advances*, 6(30). doi:[10.1126/sciadv.aba3064](https://doi.org/10.1126/sciadv.aba3064)

[P1] Tao, Y., Rajaraman, A., Cui, X., Cui, Z., Eaton, J., **Kim, H.**, Ma, J., Schwartz, R. (2019). Improving personalized prediction of cancer prognoses with clonal evolution models. *bioRxiv*. doi:[10.1101/761510](https://doi.org/10.1101/761510)

[J1] Lin, C., Jain, S., **Kim, H.**, Bar-Joseph, Z. (2017). Using neural networks for reducing the dimensions of single-cell RNA-Seq data. *Nucleic Acids Research*, 45(17). doi:[10.1093/nar/gkx681](https://doi.org/10.1093/nar/gkx681)

## PRESENTATION

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### Posters

- Ahmed, M., Kashyap, D., **Kim, H.**, Duy, C. (2025, April 25-30). *DNMT1 promotes escape from chemotherapy-induced senescence in acute myeloid leukemia* [Abstract]. In Proceedings of the 116th Annual Meeting of the American Association for Cancer Research. Chicago, IL: AACR. Abstract nr 0293 / 2.
- **Kim, H.\*** (2024). *It Takes a Village: Understanding the Community Aspects of Interdisciplinary Tutorials* Poster: 2024 ASEE/IEEE Frontiers in Education Conference, Washington, D.C.
- **Kim, H.\***, Kosakovsky Pond, S. L. (2023). *PRSuite: PRoperty Informed Models of Evolution (PRIME), the Imputation (PREI), and the Visualization (PReC)*. Poster: The Society for Molecular Biology and Evolution 23 Conference, Ferrara, Italy.
- **Kim, H.\***, Shank, S., Kosakovsky Pond, S. L. (2022). *PRoperty Informed Models of Evolution (PRIME)*. Poster: The 31st KSEA Northeast Regional Conference, Virtual.

- Hu, Y., Chen, C., Ding, Y.\*, **Kim, H.**, Tan, K. (2019). *Synergistic Control Genes in Cancer Gene Networks as Targets for Combination Therapy*. Poster: Children's Hospital of Philadelphia Research Poster day and Scientific Symposium, Philadelphia, PA.

## Talks

- **Kim, H.\*** (2024). *Characterization of Disciplinary Hybridization in Bioinformatics Software Tutorials*. Seminar: Philadelphia Korean Scholars Association, Philadelphia, PA.
- **Kim, H.\*** (2023). *Using HyPhy package on comparative sequence analysis*. Workshop: Temple Bioinformatics Studio, Philadelphia, PA.
- **Kim, H.\*** (2023). *Data Analysis in Bioinformatics Research (in academia)*. Seminar: Philadelphia Developer Group, Virtual.
- **Kim, H.\***, Kosakovsky Pond, S. L. (2022). *PRIME Evolutionary Imputation (PREI)*. Flash Talk: International Conference on Intelligent Biology and Medicine, Philadelphia, PA.

## TEACHING EXPERIENCE

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### Client

Temple University

Jan 2025 - Apr 2025

*Projects In Computer Science (CIS-4398)*

- Provided feedback to a project as a client in Professor Ian Tyler Applebaum's senior capstone class for 6 weeks [ [Class Website](#) | [Team Documentation Website](#) | [Client Pitch](#) | [Project Final Demo](#) ].
- Team size: 7.

### Co-Coordinator/Reflective Practicum Completion for THE Certificate

Temple University

May 2023 - July 2023

*Deep Learning for the Life Sciences Journal Club*

- Co-organized a 10-week summer journal club with Dr. Enzo Carnevale for researchers of diverse levels of expertise (undergraduate students, graduate students, postdocs, alumni, visitors, and professors).
- Built a unique inter-departmental community in the College of Science and Technology.
- Discussed teaching methods and reflections with Dr. Jay Lunden (reflective practicum mentor) for 7 weeks.
- Wrote a [\[W1\] Personal Narrative of Works in Progress](#) based on this experience.
- Group size: 35.

### Course Completion for Teaching in Higher Education (THE) Certificate

Temple University

Aug 2022 - Dec 2022

*Teaching in Higher Education (EPSY-8985)*

- Developed syllabi, assignments, and assessments using the principles of integrated course design.
- Applied the current theories of teaching in different contexts.
- Used a variety of effective teaching methods to address learners universally.
- Discussed a reflective and purposeful approach to teaching with other instructors.

### Teaching Assistant

Temple University

Aug 2020 - Dec 2020

*Genomics in Medicine (BIOL-3111/5111)*

- Generated formative and summative assessment materials and provided timely feedback ([Youtube/Introduction](#)).
- Class size: 150.

### Teaching Assistant

Temple University

Aug 2019 - May 2020

*Wet Lab Courses (BIOL-2112 and BIOL-1012)*

- Gave a short lecture in the beginning of every lab, monitored student performance, and provided guidance.
- Graded lab reports and generated quizzes.
- Class size: 20 ( $\times$  2 sections) each.

- BIOL-1012 General Biology II, Spring 2020 was an introductory wet lab course for non-biology majors.
- BIOL-2112 Introduction to Cellular and Molecular Biology, Fall 2019 was a lab for biology majors.

## Course Developer

Carnegie Mellon University

Feb 2016 - Aug 2016

*Programming for Scientists (02201/02601)*

- Generated open-source course materials (codes and instructions) with Drs. Phillip Compeau and Carl Kingsford for Go-lang beginners.

## TUTORIAL

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[T2] Kim, H. [Hannah Kim in Comp Bio]. (2025, May 28). *#summer2025 #hci [Research Project Teaser] Bioinformatics Software Tutorial Supporting Chatbot* [Video]. YouTube. <https://youtu.be/cfTl6e58DPU>

[T1] Kim, H. [GalaxyProject]. (2024, Sep 13). *GTN Tutorial: Chloroplast Genome Assembly* [Video]. YouTube. <https://youtu.be/gIcbY9kXdTo?si=FrJLLb0aWNOk-Ck>

## PROFESSIONAL EXPERIENCE

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### Project Lead

Temple University ACME Group & Temple University HCI lab

Feb 2024 - present

*Philadelphia, PA*

- Identified gaps in knowledge and proposed ideas that can make data and method work together.
- Reconciled different research interests of stakeholders involved.
- Designed a user study, drafted a protocol approved by the institutional review board, and ran the study.
- Wrote a [P3] [Preprint about the strengths and limitations of GenAI when used as an e-tutorial](#).
- Team: SP (01/2025-05/2025 & 09/2025-present); HP (05/2025-present); RN (05/2025-present); EJ (05/2025-present); JS (01/2025-present); RAN (01/2025-present); KB (01/2025-05/2025); MD (01/2025-05/2025)

### Bioinformatics Engineer

Lifetime Omics

Oct 2021 - Jan 2022

*Remote*

- Automated cutting-edge methods and analyzed COVID-19 metagenomics data in the Google Cloud environment.
- Developed detailed standard operating procedure for reproducibility.
- Took initiatives to solve problems and demonstrated dedication for the project in the startup environment.

### Bioinformatics Analyst/Software Engineer

Children's Hospital of Philadelphia – Kai Tan lab

Jul 2017 - Jun 2019

*Philadelphia, PA*

- Investigated RNA-Seq and microarray data from B-Cell Acute Lymphoblastic Leukemia subtypes using differential gene expression analysis, Gene Ontology enrichment analysis, and other relevant bioinformatics methods.
- Identified cancer-specific genetic interactions that led to publications in high-impact journals.
- Facilitated communication in the interdisciplinary environment of doctors and wet-lab and dry-lab researchers.

### Research Programmer

Carnegie Mellon University – Russell Schwartz lab

Feb 2017 - Jun 2017

*Pittsburgh, PA*

- Investigated clinical and genomic data to create a cancer progression analysis pipeline using machine learning.

### MS Graduate Researcher

Carnegie Mellon University – Ziv Bar-Joseph lab

Jan 2016 - Dec 2016

*Pittsburgh, PA*

- Curated and analyzed single-cell gene expression data.

### Post-Baccalaureate Researcher (Chemistry/Biology)

Carnegie Mellon University – Drs. Fred Lanni, Aaron Mitchell, and Luisa Hiller

Aug 2013 - Jun 2014

*Pittsburgh, PA*

- Tested various polymer surface coatings for the prevention and destruction of biofilms using red/NIR light.

**Undergraduate Student Researcher (Chemistry)**

Carnegie Mellon University – Kevin Noonan lab

Jan 2012 - Aug 2013

Pittsburgh, PA

- Characterized pyrylium and pyridinium salts by modifying functional groups.

**Student Researcher (Biology)**

Carnegie Mellon University – 2011 Summer Research Institute

Jun 2011 - Aug 2011

Pittsburgh, PA

- Analyzed interactions among three ribosomal assembly factors in *Saccharomyces cerevisiae*.
- 1 of 12 student researchers selected for the program.

## AWARDS, FELLOWSHIPS, & GRANTS

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**2023 Best Poster Award, 2nd Place (Computer and Information Sciences)**, The 36th US-Korea Conference

**2022&2023 Selected Attendee Support**, Scientists and Engineers Early Career Development Workshop

**2022 KSEA Excellent Poster Award**, The 31st KSEA Northeast Regional Conference

**2022 CST Three-Minute Thesis Competition 2nd Place Award**, Temple University (College-level)

**2015 Departmental Merit Fellowship**, Carnegie Mellon University

**2013 Mellon College of Science Research Honors**, Carnegie Mellon University

**2012 Summer Undergraduate Research Fellowship**, Carnegie Mellon University

## UNIVERSITY SERVICE

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**Panelist**

Oct 2024 - Aug 2025

- **CST Graduate Orientation, 08/2025**, Graduate Admissions Team in College of Science and Technology
  - Shared graduate school tips and tricks with the new graduate students.
- **Publishing Journal Articles: A Panel Discussion, 10/2024**, Temple University Graduate School
  - Served as one of four panelists. Shared my solo- and first-author experiences with graduate students across the community.

**College of Science and Technology-Graduate Student Organization Board Member** Dec 2021 - May 2024

- **Media Chair**

May 2023 - May 2024

- Advertised the organization events on social media. Communicated with members from different departments. Supported organization social events and generated flyers.
- Organized **Graduate Student Fall and Spring** social events each with 30+ attendees with the board members.

- **DEI Representative**

Dec 2021 - Apr 2023

- Identified potential DEI topics within the organization and suggested appropriate strategies.
- Facilitated the success of the yearly PhD/MS alumni panelist event involving all six departments within college for two years in a row.

**Student Representative**

Nov 2021 - Aug 2023

Temple University College of Science and Technology Diversity, Equity, and Inclusion (CST-DEI) Committee

- Discussed the promotion of DEI within college at the bi-weekly committee meetings.
- Provided feedback for a wide array of DEI topics and addressed current issues with other members.

**Vice President**

Sep 2021 - Sep 2023

Temple University Biology Graduate Student Society (BGSS)

- Facilitated communication between the department and the graduate school.
- Evaluated travel grant applications with the president and the treasurer.
- Led action plans to address diverse career needs within the department of biology and organized regular meetings with the graduate school directors.
- Generated databases for student placements after graduation.
- Supported the on-boarding process for the first-year students in the department of biology.
- Planned and oversaw activities for the Fall 2022 departmental retreat.

**LEADERSHIP EXPERIENCE****Education Standards Committee**

Nov 2025 - present

[P3722 IEEE Standard Guide for Responsible AI in Higher Education](#)

- Member of the working group P3722. Member of the subgroups (1) Overview and Guiding Principles, (2) Educator Development and (3) Institutional Collaboration.
- As a member of the working group, gathered every month to discuss the progress of the standard.
- As a member of the three subgroups, discussed the purpose and scope and identified areas to be studied further.

**Bridge Organizing Committee**

Sep 2025 - Jan 2026

[2nd AI for Scholarly Communication \(AI4SC\) - the 40th Annual AAAI Conference on Artificial Intelligence \(AAAI-26\)](#)

- Contributed to the program document drafts, generated recruitment materials, and attended bi-weekly meetings.
- Co-managed bridge submissions as an editor on the [TIB Open Conference Proceedings](#) platform.

**Alumni Network Leader**

Apr 2025 - present

Carnegie Mellon University Philadelphia Network

- Hosted local events ([Globally Plaid Recap, Sep 2025](#)) for the alumni and affiliates.

**KITEE Leadership**

Jan 2023 - present

**• Young Generation Director I (PhD level)**

Aug 2025 - present

- Supported organizing KITEE events and promoting membership drive.

**• The 33rd KSEA NRC Steering Committee Member & PR Director**

Jan 2024 - Apr 2024

- Planned the conference in the weekly committee meeting with PIs and staff from academia and industry.
- Discussed conference planning with other members; an emphasis on diversity and inclusion (i.e. accessibility & childcare support).
- [Supported onsite facilitation on the day of event with >80 attendees.](#)

**• Event Director**

Oct 2023 - Dec 2024

- Connected with graduate students in the northeast region in the US to promote KITEE events.
- Brainstormed ideas during event meetings and supported all registration-related endeavors.
- Organized [KITEE Entrepreneurship Forum 2023 \(>80 attendees\)](#) as part of the committee.

**• The 2023 KITEE-FELIX Hackathon Committee Secretary**

Feb 2023 - Apr 2023

- Organized the hackathon in the weekly committee meeting.
- Reached out to universities and engineer communities in the Philadelphia region.
- Supported the onsite activities.

• **The 32nd KSEA NRC Committee Philadelphia Young Generation Director** Jan 2023 - Apr 2023

- Planned the Northeast Regional Conference (NRC) conference in the bi-weekly committee meeting with PIs and staff from academia and industry.
- Operated as the public relations and promotion chief for the pre-networking event before the conference.
- Promoted networking (e.g. networking bingo) and facilitated the event flow onsite (104 registrants).

## COMMUNITY INVOLVEMENT

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### Ad Hoc Reviewer

- Virus Evolution (2024 IF=4.0), *01/2026*
  - Commented as a reviewer using knowledge in virus evolution and bioinformatics.
- 2026 IEEE Global Engineering Education Conference (EDUCON) TPC, *12/2025*
  - Reviewed two full papers (2) and provided detailed feedback on machine learning models, including GenAI.
- Virus Evolution (2024 IF=4.0), *11/2025*
  - Commented as a reviewer drawing on the experience in evolutionary biology.
- 2025 IEEE Frontiers in Education Conference (FIE) Technical Program Committee (TPC), *04/2025*
  - Reviewed and provided feedback on full papers (2), each with a strong focus on statistics and algorithms.
- 2025 IEEE Global Engineering Education Conference (EDUCON) TPC, *11/2024*
  - Reviewed and provided feedback on full papers (3) about Multidisciplinary and Transdisciplinary Education.
- 2024 IEEE Frontiers in Education Conference (FIE) Technical Program Committee (TPC), *07/2024 & 03/2024*
  - Reviewed and provided feedback on FIE conference abstracts (3) & papers (2).
- Temple University CST Diversity Innovation Initiative (DII) Fund, *03/2024*
  - Scrutinized the funding proposals and provided feedback to the DII committee.
- **Scientific Reports (2021 IF=4.996)**, *04/2023*
  - Commented as a reviewer using the experience in cancer, evolutionary biology and single-cell transcriptomics.
- **Frontiers in Oncology (2021 IF=5.738)**, *06/2022*
  - Commented as a reviewer for an academic journal using my experience in cancer research and bioinformatics.

### Science Fair Judge

- George Washington Carver Science Fair, *03/2025, 04/2024, 03/2023 & 03/2022*
  - Judged science fair projects done by students in grades 4 and 5 (04/2024) and grades 6 to 12 (03/2025, 03/2022 & 03/2023) with a group of educators.
  - Judged Behavior and Social Sciences category in 03/2025.

## PROFESSIONAL MEMBERSHIPS

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- **Knowledge Knocking for Your Universe (KKYU)**, *05/2025-present*
- **PhillyCHI**, *01/2025-present*
- **Galaxy Training Network Contributor**, *07/2024-present*
- **Temple Asian American and Pacific Islander (AAPI) Faculty & Staff Affinity Group**, *02/2024-present*
- **Korean-American Women in Science and Engineering (KWiSE)**, *08/2023-present*
- **Philadelphia Developer Group**, *04/2023-present*
- An Affiliate Member of Temple University **Human-Computer Interaction (HCI) Lab**, *03/2023-present*
- Collab with researchers from **Fox Chase Cancer Center** at Temple University Hosp., *12/2022-11/2024*

- Collab with (current and previous) researchers from [Institute for Genomics and Evolutionary Medicine](#) at Temple University, 08/2022-11/2024
- Korean American Society in Biotech and Pharmaceuticals (KASBP), 10/2022-07/2024
- Korean-American Innovative Technology Engineers and Entrepreneurs (KITEE), 04/2022-present
- AnitaB.org, 09/2021-present
- Korean-American Scientists and Engineers Association (KSEA), 02/2020-present
- Rotations in Zoran Obradovic, Sergei L. Kosakovsky Pond, and Sudhir Kumar Labs, 08/2019-05/2020
- Philadelphia Korean Scholars Association (PKSA), 06/2019-present

## DOCTORAL COURSEWORK

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Fall 2020 Genomics and Infectious Disease Dynamics *BIOL-5128*

Fall 2020 Seminar: "Ecoevo discuss" *BIOL-8210*

Fall 2020 Applied Statistics and Data Science *STAT-8109*

Spring 2020 Genomics and Evolutionary Biology of Parasites *BIOL-5241*

Spring 2020 Data-Intensive and Cloud Computing *CIS-5517*

Spring 2020 Knowledge Discovery and Data Mining *CIS-5523*

Fall 2019 Genomics in Medicine *BIOL-5111*

Fall 2019 Topics in Bioinformatics *BIOL-5466*

Fall 2019 Seminar Biol 8210 at Center for Computational Genetics and Genomics *BIOL-8210*

## MASSIVE OPEN ONLINE COURSE CERTIFICATES

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11/2022 The Inclusive STEM Teaching Project *InCLU1x*

10/2022 Business Foundations *UBCx*

09/2022 Cancer Biology Specialization Courses *Coursera*

03/2022 Matrix Algebra for Engineers *Coursera*

02/2022 Viruses & How to Beat Them: Cells, Immunity, Vaccines *IsraelX*

## PERSONAL PROJECTS

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- [HearU: Bridging the Gap in Korean-American Mental Health Care](#), Voted "Second Place" by the audience in the KITEE-FELIX Ideathon Pitch. Ideated by PhD students each from NJIT, Penn, and Temple., 04/2023
- [Colorblindness Image Enhancer](#), "Most Technically Impressive" in OwlHacks 2023, 02/2023

## MEDIA APPEARANCES

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- Graduate Student Spotlight by [Temple University Center for the Advancement of Teaching](#), My unique publication experience during the reflective practicum for the Teaching in Higher Education Certificate was spotlighted on the Center for the Advancement of Teaching web page in Summer 2024., 05/2024

- [Graduate Student Feature](#) by [Temple University Graduate School](#), 1 of 12 graduate students at Temple University to be featured on the Graduate School web page and social media in Spring 2024. It was a great opportunity to share my research and show gratitude for the opportunities I got at Temple., 02/2024

## CODING LANGUAGES

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python, R, MATLAB, bash, JavaScript, Go-lang

Last Updated – 2026-02-26.