Janani Ravi

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Education

2011	Ph.D.	Genetics,	Bioinformatics,	and	Computational	Virginia Tech
	Biology	/				Blacksburg, VA

Dissertation: Mathematical modeling of pathways involved in

cell cycle regulation and cell differentiation

2006 B.Tech. Industrial Biotechnology Anna University

Centre for Biotechnology Chennai, India

Professional Appointments

2022-	Assistant Professor	University of Colorado
	Biomedical Informatics,	Anschutz Medical Campus
	Center for Health Artificial Intelligence	Aurora, CO
2021-2022	Assistant Professor	Michigan State University
	Pathobiology and Diagnostic Investigation	East Lansing, MI
	Microbiology and Molecular Genetics	
2021-2021	Assistant Professor (Fixed-Term)	Michigan State University
	Pathobiology and Diagnostic Investigation	East Lansing, MI
2018-2020	Senior Research Associate	Michigan State University
	Pathobiology and Diagnostic Investigation	East Lansing, MI
2013-2017	Postdoctoral Research Associate	Rutgers University
	Public Health Research Institute	Newark, NJ
Feb-Mar'17	Visiting Scientist	National Institutes of Health
	National Center for Biotechnology Information	Bethesda, MD
Jan-Feb'15	Visiting Scientist	Broad Institute
	Center for Cell Circuits	Boston, MA
2012-2013	Postdoctoral Research Associate	Rutgers University
	Dept. of Mathematics	Piscataway, NJ

Research Keywords

Computational biology and bioinformatics | Molecular evolution and phylogeny | Comparative genomics and transcriptomics | Drug repurposing | Infectious diseases | R education and community | Open science

Publications

ORCID | Publications: <u>jravilab.github.io/publication</u> | Software and Data: <u>jravilab.org</u>, <u>github.com/jravilab</u>

[*Primary] [°Corresponding] [JRaviLab members, underlined]

Preprints/Submitted manuscripts

- 1. <u>Burke JT*, Chen SZ*, Sosinski L*, Krol JD</u>, Alquaddoomi FS, Rubinetti VP, Amolitos S, Reason KM, Johnston JB, **Ravi J**[©]. MolEvolvR: A web-app for characterizing proteins using molecular evolution and phylogeny. 2022 [bioRxiv] [Webapp] *Primary, listed alphabetically.
- 2. Lensmire JM, Wischer M, <u>Sosinski L</u>, Ensink E, Dodson JP, Shook JC, Delekta PC, Cooper C, Havlicheck Jr D, Mulks M, Lunt SY, **Ravi J**, Hammer ND. The glutathione import system satisfies the *Staphylococcus aureus* nutrient sulfur requirement and promotes interspecies competition. 2021 [under review] [bioRxiv]

- 3. **Ravi J**[©], Anantharaman V, <u>Chen SZ</u>, Datta, P, Aravind L[©], Gennaro ML[©]. Phage-shock-protein (PSP) Envelope Stress Response: Evolutionary History and Novel Players. 2020. [*under revision*] [<u>bioRxiv</u>] [<u>Webapp</u>] Published papers
- 4. Cantoria MJ*, Alizadeh E*, **Ravi J**, Bunnag N, Kettenbach N, Ahmed Y, Paek AL, Tyson JJ, Doubrovinski K[®], Lee E[®], Thorne CA[®]. Feedback in the β-catenin destruction complex imparts bistability and cellular memory. *Proceedings of the National Academy of Sciences*. 2023 [PubMed]
- 5. Conner KN*, <u>Burke JT</u>*, **Ravi J**[©], Hardy JW[©]. Novel Internalin P homologs in *Listeria ivanovii londoniensis* and *Listeria seeligeri*. *Microbial Genomics*. 2022 [<u>PubMed</u>] [<u>GitHub</u>]
- 6. Blaine HC*, <u>Burke JT</u>*, **Ravi J**[©], Stallings CL[©]. DciA helicase operators exhibit diversity across bacterial phyla. *Journal of Bacteriology*. 2022 [<u>PubMed</u>] [<u>GitHub</u>] *Primary, listed alphabetically.
- 7. Joo R*®, Sánchez-Tapia A*, Mortara S, Saibene YB, et al., **Ravi J**®. Ten simple rules to host an inclusive conference. PLoS Computational Biology. 2022 [PubMed] [GitHub]
- 8. Hsueh BY*, Severin GB*, Elg CA, Waldron EJ, Kant A, Wessel AJ, Dover JA, Rhoades CR, Ridenhour BJ, Parent KN, Neiditch MB, **Ravi J**, Top EM, and Waters CM. Phage defense by deaminase-mediated depletion of deoxynucleotides in bacteria. *Nature Microbiology*. 2022 [PubMed] [Data]
- 9. <u>Samart K*</u>, <u>Tuyishime P*</u>, Krishnan A[©], **Ravi J**[©]. Reconciling multiple connectivity scores for drug repurposing. *Briefings in Bioinformatics*. 2021;22(6):bbab161. [<u>PubMed</u>] [<u>Live doc</u>] [<u>GitHub</u>]
- 10. **Ravi J***[©], Fioravanti A*[©]. S-layers: the proteinaceous multifunctional armours of Gram-positive pathogens. *Frontiers in Microbiology*. 2021;12:685. [PubMed]
- 11. Hadi SA*, Kolte IV*, Brenner EP*, Cunha EAT, Simonsen V, Ferrazoli L, Villela DAM, Santos RS, **Ravi J**, Sreevatsan S, Basta PC. Identification of a predominant genotype of *Mycobacterium tuberculosis* in Brazilian indigenous population. *Scientific Reports.* 2021;11(1):1224. [PubMed]
- 12. Lensmire JM, Dodson JP, Hsueh BY, Wischer MR, Delekta PC, Shook JC, Ottosen EN, Kies PJ, **Ravi J**, Hammer ND. The Staphylococcus aureus cystine transporters, TcyABC and TcyP, facilitate nutrient sulfur acquisition during infection. *Infection and Immunity*. 2019;88(3):e00690-19. [PubMed]
- 13. **Ravi J**, Anantharaman V, Aravind L, Gennaro ML. Variations on a theme: Evolution of the phage-shock-protein system in Actinobacteria. *Antonie Van Leeuwenhoek*. 2018;111(5):753-760. [PubMed] [GitHub]
- 14. Chauhan R, **Ravi J**, Datta P, Chen T, Schnappinger D, Bassler K, Balázsi G, Gennaro ML. Reconstruction and topological characterization of the sigma factor regulatory network of *Mycobacterium tuberculosis*. *Nature communications*. 2016. 7:11062. [PubMed] [GitHub]
- 15. Datta P, **Ravi J**, Guerrini V, Chauhan R, Hancioglu B, Igoshin O, Neiditch M, Gennaro ML. The Psp system of *Mycobacterium tuberculosis* integrates envelope stress sensing and envelope preserving functions. *Molecular Microbiology*. 2015. 97: 408-422. [PubMed] [GitHub]
- 16. Salamon H, Bruiners N, Lakehal K, Shi L, **Ravi J**, Yamaguchi KD, Pine R, Gennaro ML. Vitamin D regulates lipid metabolism in *Mycobacterium tuberculosis* infection. *J. Immunology*. 2014 193: 30-34. [PubMed] *In preparation*
- 17. **Ravi J**[©], Samart K, Zwolak J, Tyson JJ[©]. Modeling the START transition in the budding yeast cell cycle. [Model]
- 18. **Ravi J***, Kaufman G*, Rey-Jurado E, Mehra S, Nikolaev EZ, Kaushal D, Sontag ED, Pine R, Tyagi S, Gennaro ML. Single-cell analysis of genes involved in lipid droplet accumulation in *Mycobacterium tuberculosis*-infected macrophages. [in preparation]

Grants, Awards

Research Funding/Awards

[*Also, see Mentee Accomplishments section below.]

Ongoing support

- 2022–2024 (MPI) NIH NIAID Data Science R21
- Completed support
- 2021–2023 (PI) Sheila McMonagle Endowed Research Fund, College of Veterinary Medicine, MSU

- 2021–2022 (PI) NSF-funded BEACON Center
- 2021–2022 (co-l) Spectrum Health and MSU Alliance
- 2020–2022 (Collaborator) NIH NIAID R01 subaward
- 2019–2021 (PI) Harvey J Fiege Endowed Research Fund, College of Veterinary Medicine, MSU
- 2019–2020 (PI) Diversity Research Network, Launch Awards Program, Michigan State University
- 2017 ORAU/ORISE Visiting Scientist Program at NCBI, NIH
- 2015 Broad Institute Visiting Scientist Program at the Center for Cell Circuits
- 2007 PEO International Peace Scholarship for Graduate Research

Conference Travel/Registration Awards

- 2023 GLBIO
 2021 useR!
 2018, 2020–2022 ISMB
- 2017 ASM Tuberculosis

Education and Outreach Award

• 2020 All-University Excellence in Diversity Award, MSU (for R-Ladies East Lansing)

Education and Outreach Funding

- 2021– Fellowship for AsiaR from R Foundation, useR!
- 2019–2020 MSU Data Science Learning Community funded by the MSU Academic Advancement Network
- 2018– Sponsorships for 30+ R-Ladies East Lansing meetups
- 2019– Sponsorship for Women+ Data Science East Lansing @MSU symposia

Teaching/Workshops, Talks, Posters

Workshop & talks: <u>iravilab.github.io/talk</u> | *Upcoming; [₹]Invited; *cancelled due to COVID-19, ^Ddeclined due to constraints.

Research Talks

- 2023-09 *[₹]Colorado Immunology & Microbiology Conference. Steamboat Springs, CO
- 2023-08 *[₹]Machine learning for health and disease, International Centre for Theoretical Physics. *Bangalore, India*
- 2023-06 *ASM Microbe 2023, American Society for Microbiology. Houston, TX
- 2023-06 *San Antonio Military Health and Universities Research Forum (SURF). San Antonio, TX
- 2022-07 *Intelligent Systems for Molecular Biology, International Society for Computational Biology
- 2021-11 [₹]University of Colorado Anschutz Medical Campus, School of Medicine, Center for Health Al
- 2021-07 Intelligent Systems for Molecular Biology, International Society for Computational Biology
- 2021-07 useR! 2021, The R Conference | Also pitched and moderated two incubators.
- 2021-05 Great Lakes Bioinformatics Conference
- 2021-03 BEACON Webinar
- 2020-08 BEACON Congress
- 2020-07 Intelligent Systems for Molecular Biology, International Society for Computational Biology
- 2019-08 Conference on Computational Health. *Grand Rapids*, *MI* | Also chaired one of the sessions.
- 2019-07 Gram-positive bacteria and bacilli meeting. College Park, MD
- 2019-05 *Chemistry and Biology of Pathogens. East Lansing, MI
- 2018-07 ISMB 2018. Chicago, IL
- 2016-06 ASM Microbe 2016. Boston, MA
- 2014-10 Institute for Mathematical Sciences. Chennai, India

Posters

- 2022-08 Colorado Immunology & Microbiology Conference. Vail, CO
- 2022-02 Rare Disease Day, National Institutes of Health

- 2021-09 Latin American Congress of Women in Bioinformatics and Data Science
- 2021-08 BioC2021, The R Bioconductor Virtual Conference
- 2019-05 ASBMB Symposium on Evolution and Core Processes in Gene Expression. East Lansing, MI |
 Also chaired one of the sessions.
- 2017-07 ASM Tuberculosis. New York, NY
- 2015-11 Lipid Research Symposium at the Rutgers Center for Lipid Research. Piscataway, NJ
- 2011-03 Computational Cell Biology Meeting. Cold Spring Harbor Laboratories, NY
- 2010-11 Signal Transduction and Gene Regulatory Networks Workshop. *Mathematical Biosciences Institute, OSU, OH*
- 2009-07 Gordon Research Conference on Cell Growth and Proliferation. Colby College, ME
- 2009-03 Computational Cell Biology Meeting. Cold Spring Harbor Laboratories, NY
- 2009-02 Biological Sciences Research Symposium. Virginia Tech, Blacksburg, VA

Invited Panels, Talks

- 2021-11 Ebringing diversity to and building a strong AsiaR community. *BioC Asia 2021 (Japan/virtual)*.
- 2021-09 Midwest Microbial Pathogenesis Conference (MMPC), Session Chair. East Lansing, MI
- 2021-04 *R-Ladies+: Bringing diversity to the global useR! 2021 conference (P)
- 2020-11 Michigan Precollege & Youth Outreach Conference (P)
- 2019-09 F for you! Diversity Research Network, MSU Inclusion. MI
- 2019-01 *Simple rules to make an effective scientific presentation. CMIB seminar series, MSU, MI

Invited Workshops/Teaching

- 2023-08 *Machine learning for health and disease. International Centre for Theoretical Physics, *Bangalore, India*
- 2023-05 * Great Lakes Bioinformatics Conference (GLBIO). *Montreal, Canada*
- 2022-12 ^DR@IISA. International Indian Statistical Association meeting. Bengaluru, India
- 2022-05

 *ISCB Academy tutorial series. International Society for Computational Biology
- 2022-02 **R@GARD. Global Alliance for Rapid Diagnostics
- 2022-02 How I teach Life Scientists to build inclusive communities. Life Science Training Institute (Australia)
- 2021-05 *Making publication-quality tables w/ R. *R-Ladies Pune (India)*
- 2021-04 Using Tidyverse for Genomics. R-Ladies Tunis (Africa), R-Ladies Bangalore (India)
- 2020-09 *Methods in phylogeny, pangenomes, genomics. Integrated Microbial Biology, MSU, MI
- 2020-05 **Session on Data Visualization. DANG! symposium, Univ of Michigan, MI
- 2020-02 Molecular Evolution and Phylogeny. Chemistry and Biology of Pathogens, MSU, East Lansing, MI
- 2020/19 *Tidyverse Workshop for Genomics. R for Plant Genomics course, MSU, East Lansing, MI
- 2019-09 *Best Practices for Computational Sciences: R for Reproducible Research. *Diversity Research Network Researcher's Workshop, MSU, East Lansing, MI*

Co-organized Meetings

- 2022- AsiaR webinar series and panel discussions
- 2021- Why R? Foundation webinars: R-Ladies takeover, for global URM speakers
- 2020– Evolution and Comparative Genomics COSI, Intelligent Systems for Molecular Biology (ISMB) (flagship conference of the *International Society for Computational Biology*)
- 2020- Women+ Data Science webinar series and panel discussions
- 2020 *Women+ Data Science Symposium at MSU, East Lansing, MI
- 2020 Conference on Computational Health. Grand Rapids, MI
- 2019 Women in Data Science Symposium East Lansing, @MSU
- 2018– R-Ladies East Lansing workshops and meetups

Other Incubators (panels), Workshops

- 2021-07 Strategies to build a strong AsiaR community. useR! 2021, The R conference (Inc.)
- 2021-07 Stop reinventing the wheel: R package for conference/abstract management. useR! 2021 (Inc.)

- 2019-03 R for Genomics Workshop. Indian Institute of Technology, Madras, India
 2019/18 Introduction to Tidy Data with R Workshop. R-Ladies East Lansing, MI
- 2019/18 Introduction to Data Visualization with R Workshop. R-Ladies East Lansing, MI

Other Scientific Meetings

- 2014-09 Computational Genomics workshop. Center for Cell Circuits, Broad Institute, MA
- 2013-09 Biomarkers for Tuberculosis: New Questions, New Tools. Chantilly, VA
- 2010-05 The Cell Cycle Meeting. Cold Spring Harbor Laboratories, NY
- 2007-06 Joint meeting of the National Centers of Integrative and Systems Biology 2007. Boston, MA
- 2007-06 Summer Symposium on Systems Biology of Cancer. Koch Institute. MIT, MA
- 2007-04 ASBMB Meeting. Washington DC

Professional Memberships, Services, Education, and Outreach

Membership in Scientific Societies, Research/Education Communities

2010 Data Odiponti y denomico ana Open Odienee Education teams 17 Dioconductor	2019 –	Data Carpentry	Genomics and Open Science Education teams R/Bioconductor
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2018 – International Society for Computational Biology

2018 – R-Ladies Global | Women in Data Science | rOpenSci

2015 – Member, American Society of Microbiology

Academic Services

2022 –	Collection Advisor ((Editor), Evolut	ionary Bioinformatics	F1000 Research
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2022 - Grant Reviewer (ad hoc), NIH Genetic Variation and Evolution (GVE) Study Section

2022 – Grant Reviewer, Michigan Alliance for Animal Agriculture (M-AAA)

2021 – Review Editor, Editorial Board, Frontiers in Bioinformatics and Frontiers in Systems Biology

Reviewer, Bioinformatics, PLoS Computational Biology, PLoS One, Life Science Alliance,

ASM Applied and Environmental Microbiology, Frontiers in Bioinformatics

2020 - 2022 Grant Reviewer, Diversity Research Network, MSU

2019 – 2022 Grant Reviewer, Endowed Research Funds, College of Veterinary Medicine, MSU
 2019 – Abstract Reviewer, ISMB 2019–2022; Great Lakes Bioinformatics Conference 2021

2019 – 2020 Member, CMSE Undergraduate Data Science Curriculum Committee

Conference Committees/Leadership

2022 – 2023	Co-organizer, R@IISA (International Indian Statistical Association) Conference
2021 –	EvolCompGen COSI Co-Chair Track, and Awards Chair ISMB 2022, 2023

2020 – 2021 Program Committee Chair, <u>useR! 2021</u> (the global R conference)

2020 – 2021 Abstract Chair, Track Lead, and Awards Chair, EvolCompGen COSI, ISMB 2021

2018 – Core EvolCompGen committee member, Intelligent Systems for Molecular Biology (ISMB),

the flagship conference of the International Society for Computational Biology

2019 – 2020 Poster Awards Chair, EvolCompGen, ISMB 2020

Leadership in Education and Outreach

2022 –	Community	Advisory Roard	R/Bioconductor
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2021 – Co-founder and Co-organizer, AsiaR

2019 - Co-founder and Co-organizer, Women+ Data Science initiative with MSU, UMich

2019 – 2021 Co-founder and Co-organizer, MSU Data Science Learning Community

2018 – Founder and Co-organizer, R-Ladies East Lansing

* 850+ members; 1 national symposium; 2 K-12 events; 30+ workshops; \$10K+ funding

* Received the 2020 All-University Excellence in Diversity Award, Michigan State University.

Other Scientific Societies, Education and Outreach/Leadership

2014 – 2015 Member, Postdoc Association, New York Academy of Sciences

2006 – 2011 Member and Co-organizer, Asha for Education, Virginia Tech

Mentoring

Mentees (2019–Present) [Initials referenced in the 'Mentee accomplishments' section below]

Postdocs

• Evan Brenner, EB Biomedical Informatics, CU

Students [GS: graduate student (PhD, MS); BS: bachelors student; V: visiting student]

• Jill Bilodeaux, JBi GS: Microbiology, CU (Spring 2023 rotation)

Kewalin Samart, KS
 GS: Computational Biosciences, CU (Spring 2023 rotation)

[BS: Computational Mathematics; CMSE, MSU | 2018–2022]

• Keenan Manpearl, KM GS: Computational Biosciences, CU (Spring 2023 project)

• Karla Vela Lopez, KL GS: MS, Biomedical Sciences and Biotechnology; Biomedical Data Science

Ethan Wolfe, EW
 BS: Biochemistry and Biotechnology; Pharmacology and Toxicology; CMSE, MSU

Information sciences professional

Jacob Krol, JK
 Biomedical Informatics, CU

• Karla Vela Lopez, KL Biomedical Informatics, CU (co-mentored with Arjun Krishnan, CU)

Alumni: Cristina Kraemer Zimpel, CZ; Amy Tonielli, AT; Joseph Burke, JB; Elliot Majlessi, EM; Vignesh Sridhar, VS (St. Clair College, Canada); Mary Zhang, MZ (Carleton College, MN); Samuel Chen, SC; Philip Calhoun, PC; Phoebe Tuyishime, PT; Lo Sosinski, LS; Karn Jongnarangsin, KJ; Lauryn Brooks, LB (Hampton University, VA); Larissa Ford, LF; Katherine McFerrin, KMF (Carleton College, MN); Tara Simmons, TS (Kent State University, OH). Non-CU, non-MSU affiliations are marked.

Mentee Accomplishments

- Publications [indicated in the <u>Publications</u> section above; mentees underlined]
- Funding/Scholarships
 - **TS** 2022: NSURP BIPOC Summer research program for microbiology.
 - **EW** 2022: College of Natural Science summer scholarship

2021–2023: Professorial Assistantship Program, Honors College, MSU (given to the Top200 students)

- JB 2022: Microbiology and Molecular Genetics Undergraduate Award, MSU
- KS 2022: (for PhD) College of Engineering Distinguished Scholarship, MSU

2022: (for PhD) Rasmussen Doctoral Recruitment Award, MSU

2022: McCartney Math Award, MSU

2021: Engineering Summer Undergraduate Research Experience (EnSURE), MSU

2020–2021: College of Natural Science scholarships for Spring, Summer, Fall '20; Spring, Fall '21.

- AT 2021: Professorial Assistantship Program, Honors College, MSU (given to the Top200 students)
- EM 2021: NIH R25-funded BRUSH Summer scholarship
- KJ, SC 2020: NSF-funded REU/ACRES Summer scholarship.
- PC 2020: NIH BRUSH Summer scholarship; 2019: SROP and NSF-funded BEACON fellowships.
- LB 2020: NSURP BIPOC Summer research program for microbiology.
- PT 2019: Contributed to the funded DRN Launch Awards Program grant proposal.
- Presentations [*honorable mention; \$best poster award+cash prize; *best talk; *canceled due to COVID-19] International/National meetings
 - JK, JR, Faisal A (DBMI) [WORKSHOP]. 2023. Great Lakes Bioinformatics Conference. *Montreal, Canada*.
 - KS, JB [WORKSHOP]. 2023. R@GARD, Global Alliance for Rapid Diagnostics.
 - **EB.** 2022. BV-BRC (Bacterial and Viral Bioinformatics Resource Center) Bioinformatics Workshop, *Chicago, IL*.
 - KS. 2022: Colorado Immunology & Microbiology Conference, Vail, CO.
 - KS, EW. 2022: ISMB (International Society for Computational Biology conference), Madison, WI
 - JB, EM, VS, KC [co-mentored student]. 2021: Midwest Microbial Pathogenesis Conference (MMPC)

- KS [TALK]. 2021: Latin American Congress of Women in Bioinformatics and Data Science
- JB, EM, VS. 2021: BEACON Congress
- EM. 2021: National Veterinary Scholars Symposium, AAVMC
- KS [TALK], VS\$, EM*. 2021: ISMB (International Society for Computational Biology conference)
- KS [TALK]. 2021: R-Ladies Pune (India)
- SC, KS. 2021: Great Lakes Bioinformatics Conference (GLBIO)
- SC, KJ. [TALKS]. 2020: BEACON Congress
- PC. 2020: National Veterinary Scholars Symposium, AAVMC
- SC*, KJ*, PT, PC. 2020: ISMB (International Society for Computational Biology conference)
- SC, PT, KJ, PC, LS. 2020#: Women+ Data Science at MSU, East Lansing, MI
- **LS**. 2019: Women in Data Science Symposium East Lansing @MSU; UURAF, *East Lansing, MI* Regional/University-wide symposia
- EW. 2023: Undergraduate Research and Arts Forum (UURAF), East Lansing, MI
- EW. 2022: Mid-Michigan Symposium for Undergraduate Research Experience
- EW, KS. 2022: Undergraduate Research and Arts Forum (UURAF), East Lansing, MI
- KS, EM. 2021: Mid-Michigan Symposium for Undergraduate Research Experience
- SC [TALK], PC, EM, KS. 2021: Undergraduate Research and Arts Forum (UURAF), East Lansing, MI
- SC, JR. [TALK]. 2021: BEACON Spring 2021 seminar series
- EM, PC*. [TALKS]. 2020: Phi Zeta Research Symposium
- SC, KJ, KS, PC, EM, LS. 2020: Mid-Michigan Symposium for Undergraduate Research Experience
- PC. 2019: Phi Zeta Research Symposium, College of Veterinary Medicine, Michigan State University;
 Mid-Michigan Symposium for Undergraduate Research Experiences, East Lansing, MI
- Alumni career next steps (outgoing achievements)
 - 2022: **KS**: Received admits to 5 fully-funded PhD programs. Now pursuing PhD at CU Anschutz (Computational Bioscience program). **JB**: Now at CRISPR therapeutics.
 - 2021: **VS**: Now the Asst. Vice President at BNP Paribas, Montreal, Canada. **SC**: Now at Amazon Inc. **PC**: Now pursuing a medical degree at MSU College of Human Medicine. Received 4 other admits.
 - 2020: **LS**: Now pursuing PhD at MSU (BMS/BMB program). **PT**: (2020) Now a Mastercard Foundation Scholar for MS in Public Health, Univ of British Columbia, Canada. Received admits to 3 fully-funded PhD programs.