In This Issue:
- 2021-22 Graduates
- Awards and Laudatory Notes
- In the Public Spotlight
- Publications
- Presentations
- Outreach
- Grants and Funding
- I2DA T32 Grant
- General Announcements
- Changes in IMB Personnel

Hats Off to Our Summer 2022 Graduate!!

Shuaizhi Li, PhD
Summer 2022
Li accepted a position in the Antiviral Testing and Assay Development Services branch of Microbiologics in St. Cloud, Minnesota.

Awards and Laudatory Notes

Faculty

Nafees Ahmad, PhD, received the 2022 Outstanding Achievement in Teaching by a Block and Dean’s Teaching for Excellence in Teaching Pre-clerkship Years.

Felicia Goodrum, PhD, was honored for being named co-Editor-in-Chief to the Journal of Virology by the American Society for Microbiology.

Michael Johnson, PhD, was honored with the 2022 COM-T Faculty Excellence in Diversity, Equity, and Inclusion Award.

Students

Dakota Reinartz (GPMM, Wilson Lab) was awarded a 2 year F31 Fellowship from the NIH/NIDCR, titled: “Contribution of Innate Immune Sensing on Head and Neck Squamous Cell Carcinoma (HNSCC).”

Tyler Ripperger (GPMM, Bhattacharya Lab) received the 2022-23 ARCS Scholarship.

Isabelle Tobey (CBIO, Campos and Van Doorelaer Labs) was selected as an 2022-23 Integrative Cancer Scholar (T32 grant) and received a CRTEC award for $1000.

Stephanie Tribble (CTS, Wilson Lab) was selected as an 2022-23 Integrative Cancer Scholar (T32 grant).
Deepta Bhattacharya, PhD, was featured in:
May 20 CNN article, “The Quest for Longer-Lasting COVID-19 Vaccines.”
June 9 UAHS “Tomorrow is Here” series, “A New Era: Creating Defenses Against Disease After COVID-19.”
July 4 New York Times, “Updated Covid Shots are Coming. Will They Be too Late?”
Aug. 25 The Atlantic, “America’s Fall Booster Plan has a Fatal Paradox.”
Sept. 3 CBC News, “What Protection to Expect from Updated COVID Vaccines this Fall.”
Oct. 1 NPR story, “How to Time Your Flu Shot for Best Protection.”

Felicia Goodrum, PhD, was featured in:
May 5 Arizona Republic Interview; USA Today, “There is a Good Chance You have a Virus Called CMV. It Might Seem to have No Effect or It Might be Life-Changing.”

Michael Kuhns, PhD, was featured in:
Sept. 7 Medical Xpress, “Study Uncovers Possible Path for Improving T Cell Therapies.”

Kate Rhodes, PhD, was featured in the Sept. 22 UAHS “Tomorrow is Here” series, “Examining the Microbiota’s Role in Infection, Immune Response.”

Syed Shujaat Ali Zaidi, PhD, and Rudramani Pokhrel, PhD, were featured in the July 14 UAHS “Tomorrow is Here” series, “Harnessing the Power of Bioinformatics to Advance Research.”

Koenraad Van Doorslaer, PhD, was featured in the May 21 Arizona Republic, “What We Know about Monkeypox and How It’s Different from COVID-19.”

Janko Nikolich-Zugich, MD, PhD, was featured in:
May 6 Arizona Republic “Arizona Scientists have Mapped 100,000 Coronavirus Genomes, but Say the Work Isn’t Done.”
June 10 Science Magazine, “Long Covid is a ‘National Crisis.’ So why are Grants Taking so Long to Get?”
July 22 STAT article, “There’s No One ‘Long Covid’: Experts Struggle to Make Sense of the Continuing Mystery.”
Aug. 1 UAHS “Tomorrow is Here” series, Understanding Infectious Diseases to Improve Health.
Aug. 26 Investor’s Business Daily, “The COVID Gambit: Pfizer, Moderna Struggle to Get the Jump on COVID.”


Hannah Johnson (Koshy Lab), presented a poster at the May 22-26, 16th International Congress on Toxoplasmosis and Toxoplasma gondii Research in Riverside, CA, “Single Cell Dissection and Isolation of Neurons in Toxoplasma gondii-infected Murine Brains.”

Michael Johnson, PhD, presented at the following:
May 2022 University of California Santa Cruz Department of Microbiology, Santa Cruz, CA, “ Something Old, Something New, Something Borrowed, Copper II.”
June 2022 ASM MICROBE, Washington D.C., “Bedside to Bench: Exploiting Copper Antimicrobials to Understand Mechanisms of Copper Toxicity.”
June 20, 2022 University of Arizona’s Beyond Juneteenth, webinar panel of Black scholars.

August 2022 University of Arizona Undergraduate Research Opportunities Consortium Research Conference Keynote Speaker.
Sept. 2022 University of Oklahoma Department of Microbiology and Plant Biology, Norman, OK, “Streptococcus vs Copper: Why You Should Care About this Fight at the Host Pathogen Interface.”
Dakota Reinartz (Wilson Lab) presented a poster at the July 16-20, International Congress for Mucosal Immunology conference in Seattle, Washington, “Role of AIM2 in Head and Neck Squamous Cell Carcinoma.”

Chandrasekaran Sambamurthy (Koshy Lab) presented a poster at the May 22-26, 16th International Congress on Toxoplasmosis and Toxoplasma gondii Research in Riverside, CA, “Using Strain-specific Differences in Encystment to Identify Novel Parasite Genes in Stage Conversion.”

Isabelle Tobey (Campos Lab) presented at the July 25-29, DNA Tumor Tumor Virus Meeting in Cambridge, UK, “HPV Inhibition of the cGAS/STING.”

Stephanie Tribble (Wilson Lab) presented a poster at the July 16-20, International Congress for Mucosal Immunology conference in Seattle, Washington, “The Innate Immune Sensor, AIM2, Promotes Type 2 Inflammation by Enhancing Tuft Cell Differentiation in the Small Intestine.”

Outreach

Felicia Goodrum, PhD
* Was an invited speaker for an NIH Listen Session: US Gov’t Oversight Framework for Research Involving Enhanced Potential Pandemic Pathogens (May 2022)
* Participated in American Society for Microbiology (ASM) Advocacy Training and ASM Advocate, Hill Day (1.5 day meeting with offices of US Senators and Representatives to advocate for scientific policy) (May 2022)
* Spoke at ASM Public Policy and Advocacy Townhall (May 2022)

David Harris, PhD,
* Elected, Co-Chair, BLCSA (Biotechnology Leadership Council of S. Arizona; now active participant in SALC) (through 2022)
* Society for Leukocyte Biology, Publications Committee member (2022)
* Consult with Univ. North Carolina-Wilmington regarding high-throughput COVID19 rapid antigen testing (June 2022)
Grants and Funding

Anthony Bosco, PhD
Sanofi-Aventis, Chang (PI); Role: Co-Investigator, Targeting molecular airway remodeling and type 2 immune signals with Dupilumab to slow the clinical progression of CRSwNP, 2022-2024

Kristian Doyle, PhD
1R56NS122710-01A1, Inflammation and delayed cognitive dysfunction after stroke, 8/1/2022 – 7/31/2023 ($627,236)

Felicia Goodrum, PhD
Renewed: P01 grant AI127335 Human Cytomegalovirus Dysregulation of Host Hematopoietic Progenitor Cell Signaling Pathways to Modulate Latency, Reactivation and Hematopoietic Dysfunction, 9/1/2022 – 8/31/2026 ($305,674)

Brea Hampton Brown, PhD, Postdoc, Nikolich Lab
4K00AG073570-02, Evaluating the role of cytomegalovirus and age on lung immune homeostasis and responses to respiratory infections, 9/1/2022 – 8/31/2026 ($305,674)

Michael Johnson, PhD
Bill and Melinda Gates Foundation, The National Summer Undergraduate Research Project, 06/23/2022 – 05/22/2025 ($273,471)
3R35GM128653-05S2, Elucidating the Orchestrated Bacterial Response to Copper Toxicity Supplement, 7/1/2022 – 6/30/2023 ($376,062)

Research Experience for Post-Baccalaureate Students (REPS) in the Biological Sciences Supplement, The National Summer Undergraduate Research Project (NSURP), a Virtual Platform for Engaging Underrepresented Minorities in STEM, 07/22 – 07/23

Administrative Supplements to Recognize Excellence in Diversity, Equity, Inclusion, and Accessibility (DEIA), Mentorship for Elucidating the Orchestrated Bacterial Response to Copper Toxicity, 07/22 – 06/23

Michael Kuhns, PhD
1R21EB033841-01, Engineering and Testing of Biomimetic Stimulators for Therapeutic Applications, 9/16/2022 – 7/31/2024 ($422,125)

Kathryn McGovern (Nikolich Lab), Eileen Olaiz (Nikolich Lab), and Polly Haffner (Admin) participated as MMI evaluators for the Fall 2022 Med School Interviews

Marta Schoenle (Bhattacharya lab) volunteers time with the Tucson Samaritans
General Announcements

**DONUT TUESDAYS**

Take the donut magnet if you plan on bringing donuts. On Tuesday, send out an email letting everyone know the donuts have arrived and where they can be found. Enjoy!!

**IIDA T32 Grant**

Announcing the 2022-2023 IIDA T32 Grant Awardees:
Christine Bradshaw (GPMM, Nikolich Lab)
Luis Espejo (MCB, Sutphin Lab)
Ian Kline (GPMM, Purdy Lab)
William Pederson (PS, Ledford Lab)

**SAVE THE DATE**

3RD ANNUAL INFECTION AND INFLAMMATION AS DRIVERS OF AGING (IIDA) SYMPOSIUM
THURSDAY, JANUARY 12, 2023

**General Announcements**

The Microbiology and Immunity Graduate Certificate is now offered through AZ Online and Global Direct

**Admin Help**

Not sure who to contact for admin help? Use this link to see who is assigned what duties.

**Room Scheduling**

To request a room reservation, go to resource-scheduler.pharmacy.arizona.edu/s/roomgrid.pl

**Well-Being Resources**

Students can reach out to the CAPS team and employees and members of their households can work with Employee Assistance Counseling. If you need help, or know someone who does, please use these resources. Creating community is important and you encouraged to look out for one another.
**WELCOME** to the following who have joined our department since May 2022:

Isabel Batres, Research Technician, Johnson Lab
Hwu Dau Rw (Dora) Chen, Research Professional, Doyle Lab
Natasha Cornejo, Student Worker, Johnson Lab
Talish Davoodian, Grad Student/Volunteer, Johnson Lab
Edgar Gutierrez, Research Specialist, Nikolich Lab
Brea Hampton Brown, PhD, Postdoc, Nikolich Lab
Olivia Ihedioha, PhD, Postdoc, Bothwell Lab
Meucci Ilunga, Research Technician, Johnson Lab
Emily Jamboretz, Undergrad/Volunteer, Goodrum Lab
Nicolas Johnston, Research Technician, Wilson Lab
Zoe Lyski, PhD, Postdoc, Bhattacharya Lab
Josie Martinez, Accountant
Astrid Maury, Research Technician, Johnson Lab
Elizabeth Sargent, Research Technician, Bhattacharya Lab
Nathan Schmidt, Research Technician, Purdy Lab
Philip Yost, PhD, Postdoc, Kuhns Lab

**FAREWELL** to the following who have left our department in since May:

Nicholas Armas, Purdy Lab
Rachel Crumpacker, Doyle Lab
Matthew Christofferson, Campos Lab
Vanessa Gonzalez, Admin
Nadia Hackett, Johnson/Wilson Lab
Caleb Kim, Kuhns Lab
Joshua Kochanowsky, Koshy Lab
Shuaizhi Li, Campos Lab
Zabdi Macias, Johnson Lab
Derek Resio, Koshy Lab
Alison Watson, Johnson Lab

---

**Land Acknowledgment**

We respectfully acknowledge the University of Arizona is on the land and territories of Indigenous peoples. Today, Arizona is home to 22 federally recognized tribes, with Tucson being home to the O’odham and the Yaqui. Committed to diversity and inclusion, the University strives to build sustainable relationships with sovereign Native Nations and Indigenous communities through education offerings, partnerships, and community service.